

海南大学 ESI 学科跟踪快讯

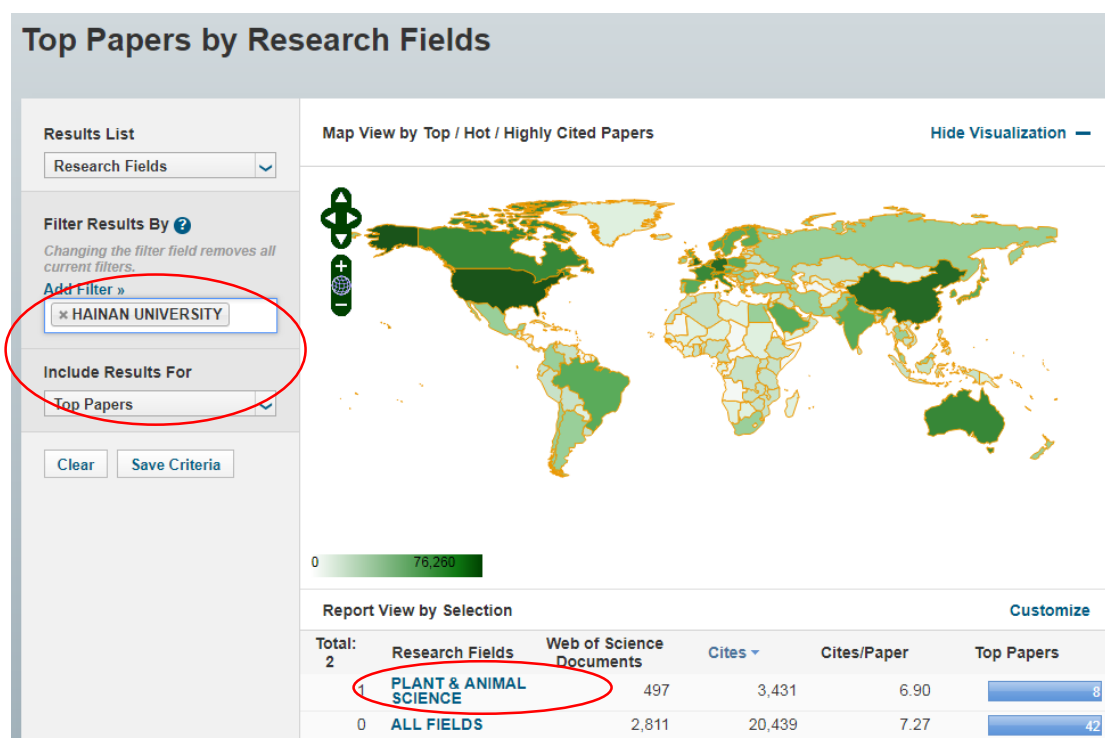
(第二期 2019 年 3 月数据)

提要: 美国基本科学指标 (Essential Science Indicator, ESI) 2019 年 3 月 14 日更新了数据, 最新的数据内容为 11 年整, 覆盖范围为 2008 年 1 月 1 日至 2018 年 12 月 31 日。最新统计数据表明: 我校“植物与动物科学”1 个 ESI 学科进入全球前 1% 排名; 我校高影响论文总共有 42 篇, 其中高被引论文有 39 篇, 热点论文 9 篇, 同为高被引论文和热点论文的有 6 篇, 与上期的高被引论文 35 篇和热点论文 8 篇相比, 有所增加。

1. 入围全球 ESI 前 1% 学科

ESI 通过采用 WoS 收录的 11 年整的数据, 以不同学科的被引频次为阈值, 分别遴选出 22 个专业领域入选 1% 的机构。

“植物与动物科学”目前仍为我校进入全球 ESI 排名前 1% 的唯一学科。据 2019 年 3 月份数据, 该学科的总发文量为 497 篇, 总被引频次 3431 次, 平均篇被引为 6.90 次。而上期的总发文量 464 篇、总被引频次 3033 次、平均篇被引为 6.54 次相比, 三项指标都有提高。



2. 优势学科入围预测

利用 ESI 和 InCites 数据库提供的相关学科数据, 进行 ESI 学科预测方面主要包含两项数据: 一是 ESI 数据库中 22 个学科的被引频次阈值 (2019 年 3 月 18 日检索); 二是与 ESI 数据库中 22 个学科相对应的 InCites 数据库中, 海南大学 2008-2018 年各学科的被引频次数据 (2019 年 3 月 18 日检索), 进行 ESI 学科预测计算。“学科 ESI 准入率”即潜力值大于或等于 1 时, 表明该学科进入全球前 1%。由表 1 可见, 海南大学于 2019 年 3 月份更新的数据, 在 ESI 平台检索到我校植物与动物学科进入, 化学、材料科学和农业化学三个优势学科潜力值一直在上升。

表 1 海南大学进入全球前 1%ESI 学科的预测 (用潜力值表示)

海南大学 ESI 学科潜力值预测 (2019 年 3 月 18 日潜力值)			
研究领域	机构基准值	海南大学	潜力值预测
植物与动物科学 PLANT & ANIMAL SCIENCE	2903	3553	1.224
化学 CHEMISTRY	7935	5821	0.734
材料科学 MATERIALS SCIENCE	6078	3916	0.644
农业科学 AGRICULTURAL SCIENCES	2220	1338	0.603
生物与生化 BIOLOGY & BIOCHEMISTRY	6497	2123	0.327
工程科学 ENGINEERING	2449	673	0.275
环境/生态学 ENVIRONMENT/ECOLOGY	4217	1062	0.252
药理学与毒物学 PHARMACOLOGY & TOXICOLOGY	3477	354	0.102
临床医学 CLINICAL MEDICINE	2469	218	0.088
一般社会科学 SOCIAL SCIENCES, GENERAL	1466	101	0.069
微生物学 MICROBIOLOGY	5437	335	0.062
分子生物与遗传学 MOLECULAR BIOLOGY & GENETICS	13414	680	0.051
物理学 PHYSICS	18662	739	0.04
数学 MATHEMATICS	4432	202	0.046
计算机科学 COMPUTER SCIENCE	3305	106	0.032
多学科 MULTIDISCIPLINARY	2631	61	0.023
经济与商学 ECONOMICS & BUSINESS	4232	95	0.022
免疫学 IMMUNOLOGY	5083	104	0.02
神经科学与行为 NEUROSCIENCE & BEHAVIOR	6362	38	0.006
地球科学 GEOSCIENCES	6244	159	0.025
精神病学/心理学 PSYCHIATRY/PSYCHOLOGY	4177	8	0.002

空间科学 SPACE SCIENCE	35356	34	0.001
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3. 高影响论文及其学科分布

高影响论文 (Top paper, 简称 Top 论文) 包括高被引论文和热点论文。本期 ESI 数据显示, 海南大学高影响论文共计 42 篇, 高被引论文 39 篇, 热点论文 9 篇, 同为高被引论文和热点论文的 6 篇。表 2 具体列出了各学科高影响论文数量, 其中材料科学 12 篇, 位居第一。在 42 篇高影响论文中, 以海南大学为第一机构的有 8 篇, 其中材料科学 1 篇, 通讯作者为 Wang, N; 化学 3 篇, 第一作者或通讯作者为 LIN, CF; Wang, N; Lou, Xiaoming; Chen, Tieqiao; 植物与动物科学 2 篇, 第一作者或通讯作者分别为 Yuan, Hong-Mei; Huang, Xi; Liu, Haitian; Zhou, YC; 工程科学 1 篇, 第一作者为 Sun, Peng; 计算机科学 1 篇, 第一作者为 Cheng, Jieren, 通讯作者为 Xu, Ruomeng。42 篇高影响论文的学科分布见表 2。

表 2 海南大学高影响论文学科分布 (2019 年 3 月数据)

排序	学科	高影响论文篇数	海大为第一机构篇数	海大为第一机构论文的第一作者或通讯作者
1	材料科学 MATERIALS SCIENCE	12	1	Wang, N
2	化学 CHEMISTRY	10	3	LIN, CF; Wang, N; Lou, Xiaoming; Chen, Tieqiao
3	植物与动物科学 PLANT & ANIMAL SCIENCE	8	2	Yuan, Hong-Mei; Huang, Xi; Liu, Haitian; Zhou, YC
4	环境/生态学 ENVIRONMENT/ECOLOGY	4	0	
5	物理学 PHYSICS	3	0	
6	工程科学 ENGINEERING	2	1	Sun, Peng
7	计算机科学 COMPUTER SCIENCE	1	1	Cheng, Jieren; Xu, Ruomeng
8	分子生物学与遗传学 MOLECULAR BIOLOGY & GENETICS	1	0	
9	农业科学 AGRICULTURAL SCIENCES	1	0	

2019年3月15日更新数据后的ESI数据库中的高被引论文和热点论文详见附件1、2。海南大学为第一机构的论文为暗色底。

附件1 海南大学2019年3月14日ESI数据库的高被引论文

作者	篇名	来源	作者地址	通讯作者	被引频次	研究领域	入藏号
Wang, Guizhen; Gao, Zhe; Tang, Shiwei; Chen, Chaoqiu; Duan, Feifei; Zhao, Shichao; Lin, Shiwei; Feng, Yuhong; Zhou, Lei; Qin, Yong	Microwave Absorption Properties of Carbon Nanocoils Coated with Highly Controlled Magnetic Materials by Atomic Layer Deposition	ACS NANO	[Wang, Guizhen; Gao, Zhe; Chen, Chaoqiu; Duan, Feifei; Zhao, Shichao; Qin, Yong] Chinese Acad Sci, Inst Coal Chem, State Key Lab Coal Convers, Taiyuan 030001, Peoples R China; [Wang, Guizhen; Zhao, Shichao] Univ Chinese Acad Sci, Beijing 100039, Peoples R China; [Wang, Guizhen; Lin, Shiwei; Feng, Yuhong] Hainan Univ, Chinese Educ Minist Trop Biol Resources, Key Lab, Haikou 570228, Peoples R China; [Tang, Shiwei; Zhou, Lei] Fudan Univ, Minist Educ, State Key Lab Surface Phys, Shanghai 200433, Peoples R China; [Tang, Shiwei; Zhou, Lei] Fudan Univ, Minist Educ, Key Lab Micro & Nano Photon Struct, Shanghai 200433, Peoples R China	Qin, Y (reprint author), Chinese Acad Sci, Inst Coal Chem, State Key Lab Coal Convers, Taiyuan 030001, Peoples R China.	327	Chemistry; Science & Technology - Other Topics; Materials Science	WOS:000312563600065
Feng, Feng; Yang, Fan; Rong, Wei; Wu, Xiaogang; Zhang, Jie; Chen, She; He, Chaozu; Zhou, Jian-Min	A Xanthomonas uridine 5'-monophosphate transferase inhibits plant immune kinases	NATURE	[Feng, Feng; Yang, Fan; Wu, Xiaogang; Zhang, Jie; Chen, She; Zhou, Jian-Min] Natl Inst Biol Sci, Beijing 102206, Peoples R China; [Feng, Feng] Tsinghua Univ, Sch Life Sci, Beijing 100084, Peoples R China; [Feng, Feng; He, Chaozu] Tsinghua Univ, Grad Sch Shenzhen, Shenzhen 518055, Peoples R China; [Rong, Wei; He, Chaozu] Hainan Univ, Hainan Key Lab Sustainable Utilization Trop Bioresou, Haikou 570228, Hainan, Peoples R China; [Zhou, Jian-Min] Chinese Acad Sci, Inst Genet & Dev Biol, State Key Lab Plant Genom, Beijing 100101, Peoples R China; [Zhou, Jian-Min] Chinese Acad Sci, Inst Genet & Dev Biol, Natl Ctr Plant Gene Res, Beijing 100101, Peoples R China	Zhou, JM (reprint author), Natl Inst Biol Sci, Beijing 102206, Peoples R China.	154	Science & Technology - Other Topics	WOS:000303451900045
Wang, Guizhen; Gao, Zhe; Wan, Gengping; Lin, Shiwei; Yang,	High densities of magnetic nanoparticles supported on	NANO RESEARCH	[Wang, Guizhen; Gao, Zhe; Yang, Peng; Qin, Yong] Chinese Acad Sci, Inst Coal Chem, State Key Lab Coal Convers, Taiyuan 030001, Peoples R China; [Wang, Guizhen; Yang,	Qin, Y (reprint author), Chinese Acad Sci, Inst Coal Chem, State Key Lab Coal	137	Chemistry; Science & Technology - Other	WOS:000339891400007

Peng; Qin, Yong	graphene fabricated by atomic layer deposition and their use as efficient synergistic microwave absorbers		[Peng] Univ Chinese Acad Sci, Beijing 100039, Peoples R China; [Wang, Guizhen; Wan, Gengping; Lin, Shiwei] Hainan Univ, Minist Trop Biol Resources, Key Lab Chinese Educ, Haikou 570228, Peoples R China	Convers, Taiyuan 030001, Peoples R China.		Topics: Materials Science; Physics	
Di, Jun; Xia, Jiexiang; Ji, Mengxia; Wang, Bin; Yin, Sheng; Zhang, Qi; Chen, Zhigang; Li, Huaming	Carbon Quantum Dots Modified BiOCl Ultrathin Nanosheets with Enhanced Molecular Oxygen Activation Ability for Broad Spectrum Photocatalytic Properties and Mechanism Insight	ACS APPLIED MATERIALS & INTERFACES	[Di, Jun; Xia, Jiexiang; Ji, Mengxia; Wang, Bin; Yin, Sheng; Zhang, Qi; Li, Huaming] Jiangsu Univ, Inst Energy Res, Sch Chem & Chem Engn, Zhenjiang 212013, Peoples R China; [Chen, Zhigang] Jiangsu Univ, Sch Environm, Zhenjiang 212013, Peoples R China; [Zhang, Qi] Hainan Univ, Hainan Prov Key Lab Fine Chem, Haikou 570228, Peoples R China	Xia, JX (reprint author), Jiangsu Univ, Inst Energy Res, Sch Chem & Chem Engn, 301 Xuefu Rd, Zhenjiang 212013, Peoples R China.	132	Science & Technology - Other Topics: Materials Science	WOS:000361501700030
Liu, Tao; Yu, Kun; Gao, Lina; Chen, Hui; Wang, Ning; Hao, Luhan; Li, Tingxi; He, Hongcai; Guo, Zhanhu	A graphene quantum dot decorated SrRuO ₃ mesoporous film as an efficient counter electrode for high-performance dye-sensitized solar cells	JOURNAL OF MATERIALS CHEMISTRY A	[Liu, Tao; Yu, Kun; Gao, Lina; Chen, Hui; He, Hongcai] Univ Elect Sci & Technol China, State Key Lab Elect Thin Film & Integrated Device, Chengdu 610054, Sichuan, Peoples R China; [Wang, Ning] Hainan Univ, State Key Lab Marine Resource Utilizat South Chin, Haikou 570228, Hainan, Peoples R China; [Hao, Luhan; Guo, Zhanhu] Univ Tennessee, Dept Chem & Biomol Engn, Integrated Hybrid Lab ICL, Knoxville, TN 37966 USA; [Li, Tingxi] Shandong Univ Sci & Technol, Coll Mat Sci & Engn, Qingdao 266590, Peoples R China	Wang, N (reprint author), Hainan Univ, State Key Lab Marine Resource Utilizat South Chin, Haikou 570228, Hainan, Peoples R China.; Guo, ZH (reprint author), Univ Tennessee, Dept Chem & Biomol Engn, Integrated Hybrid Lab ICL, Knoxville, TN 37966 USA.; Li, TX (reprint author), Shandong Univ Sci & Technol, Coll Mat Sci & Engn, Qingdao 266590, Peoples R China.	116	Chemistry; Energy & Fuels; Materials Science	WOS:000408592900012
Di, Jun; Xia, Yong	Advanced	APPLIED	[Di, Jun; Xia, Jiexiang; Ji, Mengxia; Wang,	Xia, JX (reprint	112	Chemistry;	WOS:0003

Jiexiang; Ji, Mengxia; Wang, Bin; Yin, Sheng; Zhang, Qi; Chen, Zhigang; Li, Huaming	photocatalytic performance of graphene-like BN modified BiOBr flower-like materials for the removal of pollutants and mechanism insight	CATALYSIS B-ENVIRONMENTAL	Bin; Yin, Sheng; Zhang, Qi; Li, Huaming] Jiangsu Univ, Inst Energy Res, Sch Chem & Chem Engr, Zhenjiang 212013, Peoples R China; [Chen, Zhigang] Jiangsu Univ, Sch Environm, Zhenjiang 212013, Peoples R China; [Zhang, Qi] Hainan Univ, Hainan Prov Key Lab Fine Chem, Haikou 570228, Peoples R China	author), Jiangsu Univ, Inst Energy Res, Sch Chem & Chem Engr, 301 Xuefu Rd, Zhenjiang 212013, Peoples R China.		Engineering	6710620029
Lin, Chunfu; Hu, Lei; Cheng, Chuanbing; Sun, Kai; Guo, Xingkui; Shao, Qian; Li, Jianbao; Wang, Ning; Guo, Zhanhu	Nano-TiNb ₂ O ₇ /carbon nanotubes composite anode for enhanced lithium-ion storage	ELECTROCHEMICAL ACTA	[Lin, Chunfu; Hu, Lei; Li, Jianbao; Wang, Ning] Hainan Univ, Coll Mat & Chem Engr, State Key Lab Marine Resource Utilizat South Chin, Haikou 570228, Hainan, Peoples R China; [Cheng, Chuanbing; Sun, Kai; Guo, Zhanhu] Univ Tennessee, Dept Chem & Biomol Engr, ICL, Knoxville, TN 37996 USA; [Guo, Xingkui; Shao, Qian] Shandong Univ Sci & Technol, Coll Chem & Environm Engr, Qingdao 266590, Peoples R China	Wang, N (reprint author), Hainan Univ, Coll Mat & Chem Engr, State Key Lab Marine Resource Utilizat South Chin, Haikou 570228, Hainan, Peoples R China.; Guo, ZH (reprint author), Univ Tennessee, Dept Chem & Biomol Engr, ICL, Knoxville, TN 37996 USA.	111	Electrochemistry	WOS:000419831600008
Deng, Shengjue; Zhong, Yu; Zeng, Yinxiang; Wang, Yadong; Yao, Zhujun; Yang, Fan; Lin, Shiwei; Wang, Xiuli; Lu, Xihong; Xia, Xinhui; Tu, Jiangping	Directional Construction of Vertical Nitrogen-Doped 1T-2H MoSe ₂ /Graphene Shell/Core Nanoflake Arrays for Efficient Hydrogen Evolution Reaction	ADVANCED MATERIALS	[Deng, Shengjue; Zhong, Yu; Yao, Zhujun; Wang, Xiuli; Xia, Xinhui; Tu, Jiangping] Zhejiang Univ, State Key Lab Silicon Mat, Key Lab Adv Mat & Applicat Batteries Zhejiang Pro, Hangzhou 310027, Zhejiang, Peoples R China; [Deng, Shengjue; Zhong, Yu; Yao, Zhujun; Wang, Xiuli; Xia, Xinhui; Tu, Jiangping] Zhejiang Univ, Dept Mat Sci & Engr, Hangzhou 310027, Zhejiang, Peoples R China; [Zeng, Yinxiang; Lu, Xihong] Sun Yat Sen Univ, MOE Key Lab Bioinorgan & Synthet Chem, KLGHEI Environm & Energy Chem, Sch Chem, Guangzhou 510275, Guangdong, Peoples R China; [Wang, Yadong] Nanyang Polytech, Sch Engr, Singapore 569830, Singapore; [Yang, Fan; Lin, Shiwei] Hainan Univ, Coll Mat & Chem Engr, Haikou 570228, Peoples R China	Xia, XH (reprint author), Zhejiang Univ, State Key Lab Silicon Mat, Key Lab Adv Mat & Applicat Batteries Zhejiang Pro, Hangzhou 310027, Zhejiang, Peoples R China.; Xia, XH (reprint author), Zhejiang Univ, Dept Mat Sci & Engr, Hangzhou 310027, Zhejiang, Peoples R China.; Lu, XH (reprint author), Sun Yat Sen Univ, MOE Key Lab Bioinorgan & Synthet Chem, KLGHEI Environm & Energy	111	Chemistry; Science & Technology - Other Topics; Materials Science; Physics	WOS:000402518900031

				Chem, Sch Chem, Guangzhou 510275, Guangdong, Peoples R China.			
Slik, J. W. Ferry; Arroyo-Rodriguez, Victor; Aiba, Shin-Ichiro; Alvarez-Loayza, Patricia; Alves, Luciana F.; Ashton, Peter; Balvanera, Patricia; Bastiang, Meredith L.; Bellingham, Peter J.; van den Berg, Eduardo; Bernacci, Luis; Bispo, Polyanna da Conceicao; Blanc, Lilian; Boehning-Gaese, Katrin; Boeckx, Pascal; Bongers, Frans; Boyle, Brad; Bradford, Matt; Brearley, Francis Q.; Hockemba, Mireille Breuer-Ndoundou; Bunyavejchewin, Sarayudh; Leal Matos, Darley Calderado;	An estimate of the number of tropical tree species	PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA	[Slik, J. W. Ferry] Univ Brunei Darusallam, Fac Sci, Gadong, Brunei; [Arroyo-Rodriguez, Victor; Balvanera, Patricia] Univ Nacl Autonoma Mexico, Ctr Invest Ecosistemas, Morelia, Michoacan, Mexico; [Aiba, Shin-Ichiro; Suzuki, Eizi; Yoneda, Tsuyoshi] Kagoshima Univ, Kagoshima 890, Japan; [Alvarez-Loayza, Patricia; Clark, Connie; Medjibe, Vincent P.; Pitman, Nigel C. A.; Poulsen, John] Duke Univ, Ctr Trop Conservat, Durham, NC USA; [Alves, Luciana F.; Bernacci, Luis] Inst Agron Campinas, Campinas, SP, Brazil; [Ashton, Peter] Harvard Univ, Dept Organism & Evolutionary Biol, Cambridge, MA 02138 USA; [Bastiang, Meredith L.] Smithsonian Natl Zool Pk, Washington, DC USA; [Bellingham, Peter J.] Landcare Res, Lincoln, New Zealand; [van den Berg, Eduardo] Univ Fed Lavras, Lavras, Brazil; [Bispo, Polyanna da Conceicao; Valeriano, Marcio de Morisson; dos Santos, Joao Roberto] Natl Inst Space Res INPE, Sao Jose Dos Campos, SP, Brazil; [Blanc, Lilian] Ctr Cooperat Int Rech Agronim Dev CIRAD, Belem, Para, Brazil; [Boehning-Gaese, Katrin] Gesell Naturforsch, Senckenberg, Biodivers & Climate Res Ctr BiK F, Frankfurt, Germany; [Boeckx, Pascal; Kearsley, Elizabeth; Verbeeck, Hans] Univ Ghent, B-9000 Ghent, Belgium; [Bongers, Frans; Jansen, Patrick A.; Parren, Marc; Poorter, Lourens] Wageningen Univ, NL-6700 AP Wageningen, Netherlands; [Boyle, Brad] Univ Arizona, Tucson, AZ USA; [Bradford, Matt] CSIRO, Land & Water Trop Forest Res Ctr, Atherton, Australia; [Brearley, Francis Q.] Manchester Metropolitan Univ, Manchester M15 6BH, Lancs, England; [Hockemba, Mireille Breuer-Ndoundou; Ewango,	Slik, JWF (reprint author), Univ Brunei Darusallam, Fac Sci, Gadong, Brunei.	Science & Technology - Other Topics	WOS:000356251800047	

Castillo-Santiago, Miguel; Catharino, Eduardo L. M. ; Chai, Shauna-Lee; Chen, Yukai; Colwell, Robert K. ; Robin, Chazdon L. ; Clark, Connie; Clark, David B. ; Clark, Deborah A. ; Culmsee, Heike; Damas, Kipiro; Dattaraja, Handanakere S. ; Dauby, Gilles; Davidar, Priya; DeWalt, Saara J. ; Doucet, Jean-Louis; Duque, Alvaro; Durigan, Giselda; Eichhorn, Karl A. O. ; Eisenlohr, Pedro V. ; Eler, Eduardo; Ewango, Corneille; Farwig, Nina; Feeley, Kenneth J. ; Ferreira, Leandro; Field, Richard; de Oliveira Filho, Ary T. ; Fletcher, Christine; Forshed, Olle; Franco,			Corneille] Wildlife Conservat Soc, Congo Program, Nouabale Ndoki Park, Rep Congo; [Bunyavejchewin, Sarayudh] Wildlife & Plant Conservat, Dept Natl Pk, Bangkok, Thailand; [Leal Matos, Darley Calderado; Ferreira, Leandro; Santos, Fernanda] Museu Paraense Emilio Goeldi, Belem, Para, Brazil; [Castillo-Santiago, Miguel; de Jong, Bernardus H. J. ; Ochoa-Gaona, Susana] El Colegio Frontera ECOSUR, Chiapas, Mexico; [Catharino, Eduardo L. M.] Inst Bot Sao Paulo, Sao Paulo, Brazil; [Chai, Shauna-Lee] Alberta Innovates Technol Futures, Vegreville, AB, Canada; [Chen, Yukai] Hainan Normal Univ, Coll Life Sci, Haikou, Peoples R China; [Colwell, Robert K. ; Robin, Chazdon L.] Univ Connecticut, Storrs, CT USA; [Colwell, Robert K.] Univ Colorado, Boulder, CO 80309 USA; [Clark, David B. ; Clark, Deborah A.] Univ Missouri, St Louis, MO 63121 USA; [Culmsee, Heike; Homeier, Juergen] Univ Gottingen, D-37073 Gottingen, Germany; [Damas, Kipiro] PNG Forest Res Inst, Lae, Papua N Guinea; [Dattaraja, Handanakere S. ; Page, Navendu; Sukumar, Raman; Suresh, H. S.] Indian Inst Sci, Bangalore 560012, Karnataka, India; [Dauby, Gilles] Univ Libre Bruxelles, Brussels, Belgium; [Davidar, Priya; Parthasarathy, Narayanaswamy] Pondicherry Univ, Pondicherry, India; [DeWalt, Saara J.] Clemson Univ, Clemson, SC USA; [Doucet, Jean-Louis; Gillet, Jean-Francois] Univ Liege, Gembloux Agro Bio Tech, Gembloux, Belgium; [Duque, Alvaro] Univ Nacl Colombia, Medellin, Colombia; [Durigan, Giselda; Franco, Geraldo] Inst Florestal Sao Paulo, Sao Paulo, Brazil; [Eichhorn, Karl A. O.] Eichhorn Ecol, Zeist, Netherlands; [Eisenlohr, Pedro V.] Univ Estado Mato Grosso, Caceres, Brazil; [Eler, Eduardo; do Amaral, Ieda Leao; Spironello, Wilson Roberto; de Assis, Rafael L. ; Luize, Bruno Garcia] Inst Nacl de Pesquisas da			
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Geraldo; Fredriksson, Gabiella; Gillespie, Thomas; Gillet, Jean-Francois; Amarnath, Giriraj; Griffith, Daniel M. ; Grogan, James; Gunatilleke, Nimal; Harris, David; Harrison, Rhett; Hector, Andy; Homeier, Juergen; Imai, Nobuo; Itoh, Akira; Jansen, Patrick A. ; Joly, Carlos A. ; de Jong, Bernardus H. J. ; Kartawinata, Kuswata; Kearsley, Elizabeth; Kelly, Daniel L. ; Kenfack, David; Kessler, Michael; Kitayama, Kanehiro; Kooyman, Robert; Larney, Eileen; Laumonier, Yves; Laurance, Susan; Laurance, William F. ; Lawes, Michael			Amazonia, Manaus, Amazonas, Brazil; [Farwig, Nina] Univ Marburg, Marburg, Germany; [Feeley, Kenneth J.] Florida Int Univ, Int Ctr Trop Bot, Miami, FL 33199 USA; [Field, Richard] Univ Nottingham, Nottingham NG7 2RD, England; [de Oliveira Filho, Ary T.] Univ Fed Minas Gerais, Inst Ciencias Biol, Belo Horizonte, MG, Brazil; [Fletcher, Christine] Forest Res Inst Malaysia, Kuala Lumpur, Malaysia; [Forshed, Olle] World Wildlife Fund WWF Sweden, Stockholm, Sweden; [Fredriksson, Gabiella] PanEco Sumatran Orangutan Conservat Program SOCP, Medan, North Sumatra, Indonesia; [Gillespie, Thomas] Univ Calif Los Angeles, Los Angeles, CA USA; [Amarnath, Giriraj] Int Water Management Inst, Colombo, Sri Lanka; [Griffith, Daniel M.] Univ Laica Eloy Alfaro Manabi, Manta, Ecuador; [Grogan, James] Mt Holyoke Coll, South Hadley, MA USA; [Gunatilleke, Nimal] Univ Peradeniya, Peradeniya, Sri Lanka; [Harris, David] Royal Bot Gardens Edinburgh, Edinburgh, Midlothian, Scotland; [Harrison, Rhett; Paudel, Ekananda; Satdichanh, Manichanh] Chinese Acad Sci, Kunming Inst Bot, Ctr Mt Ecosyst, Kunming, Peoples R China; [Harrison, Rhett] China & World Agroforestry Ctr ICRAF, East & Cent Asia Reg Off, Kunming, Peoples R China; [Hector, Andy] Univ Oxford, Oxford, England; [Imai, Nobuo] Kyoto Univ, Primate Res Inst, Inuyama, Aichi 484, Japan; [Itoh, Akira] Osaka City Univ, Osaka 558, Japan; [Jansen, Patrick A.] Smithsonian Trop Res Inst, Panama City, Panama; [Joly, Carlos A. ; Vieira, Simone A.] Univ Estadual Campinas, Campinas, Brazil; [Kartawinata, Kuswata] Indonesian Inst Sci LIPI, Herbarium Bogoriense, Biol Res Ctr, Cibinong, Indonesia; [Kelly, Daniel L.] Univ Dublin Trinity Coll, Dublin 2, Ireland; [Kenfack, David] Smithsonian Trop Res Inst, Washington, DC USA; [Kessler,			
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J. ; do Amaral, Ieda Leao; Letche, Susan G. ; Lindsell, Jeremy; Lu, Xinghui; Mansor, Asyraf; Marjokorpi, Antti; Martin, Emanuel H. ; Meilby, Henrik; Melo, Felipe P. L. ; Metcalfe, Daniel J. ; Medjibe, Vincent P. ; Metzger, Jean Paul; Millet, Jerome; Mohandass, D. ; Montero, Juan C. ; Valeriano, Marcio de Morisson; Mugerwa, Badru; Nagamasu, Hidetoshi; Nilus, Reuben; Ochoa-Gaona, Susana; Onrizal; Page, Navendu; Parolin, Pia; Parren, Marc; Parthasarathy, Narayanaswamy; Paudel, Ekananda; Permana, Andrea; Piedade, Maria T. F. ; Pitman, Nigel C. A. ; Poorter,			Michael; Permana, Andrea; Saner, Philippe] Univ Zurich, Zurich, Switzerland; [Kitayama, Kanehiro; Nagamasu, Hidetoshi] Kyoto Univ, Kyoto, Japan; [Kooyman, Robert] Macquarie Univ, Sydney, NSW 2109, Australia; [Larney, Eileen; Razafimahaimodiso, Jean-Claude] Ctr ValBio, Ranomafana, Madagascar; [Laumonier, Yves; Sheil, Douglas; Sunderand, Terry] Ctr Int Forestry Res CIFOR, Bogor, Indonesia; [Laurance, Susan; Laurance, William F.] James Cook Univ, Cairns, Australia; [Lawes, Michael J.] Charles Darwin Univ, Res Inst Environm & Livelihoods, Darwin, NT 0909, Australia; [Letche, Susan G.] SUNY Coll Purchase, Purchase Coll, Purchase, NY 10577 USA; [Lindsell, Jeremy] RSPB, Sandy, Beds, England; [Lu, Xinghui; Zang, Runguo] Chinese Acad Forestry, Inst Forest Ecol Environm & Protect, Beijing, Peoples R China; [Mansor, Asyraf; Zakaria, Rahmad] Univ Sains Malaysia, Georgetown, Penang, Malaysia; [Marjokorpi, Antti] Stora Enso Oyj, Helsinki, Finland; [Martin, Emanuel H.] Udzungwa Ecol Monitoring Ctr, Mangula, Tanzania; [Martin, Emanuel H.] Sokoine Univ Agr, Morogoro, Tanzania; [Meilby, Henrik; Theilade, Ida] Univ Copenhagen, Copenhagen, Denmark; [Melo, Felipe P. L. ; Tabarelli, Marcelo] Univ Fed Pernambuco, Recife, PE, Brazil; [Metcalfe, Daniel J.] CSIRO Land & Water, EcoSci Precinct, Acton, ACT, Australia; [Metzger, Jean Paul; Suganuma, Marcio S.] Univ Sao Paulo, Sao Paulo, Brazil; [Millet, Jerome] Natl Univ Laos, Viangchan, Laos; [Mohandass, D. ; Tang, Jangwei] Chinese Acad Sci, Xishuangbanna Trop Bot Garden, Key Lab Trop Forest Ecol, Menglun, Peoples R China; [Montero, Juan C.] Univ Freiburg, Fac Environm & Nat Resources, D-79106 Freiburg, Germany; [Mugerwa, Badru] Inst Trop Forest Conservat, Kampala, Uganda; [Onrizal]			
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<p>Lourens; Poulsen, Axel D. ; Poulsen, John; Powers, Jennifer; Prasad, Rama C. ; Puyravaud, Jean-Philippe; Razafimahaimod iso, Jean-Claude; Reitsma, Jan; dos Santos, Joao Roberto; Spironello, Wilson Roberto; Romero-Saltos, Hugo; Rovero, Francesco; Rozak, Andes Hamuraby; Ruokolainen, Kalle; Rutishauser, Ervan; Saiter, Felipe; Saner, Philippe; Santos, Braulio A. ; Santos, Fernanda; Sarker, Swapan K. ; Satdichanh, Manichanh; Schmitt, Christine B. ; Schoengart, Jochen; Schulze, Mark; Suganuma, Marcio S. ; Sheil, Douglas; Pinheiro, Eduardo da Silva; Sist,</p>		<p>Sabah Forestry Dept, Sandakan, Sabah, Malaysia; [Parolin, Pia] Univ Sumatera Utara, Medan, Sumatra, Indonesia; [Poulsen, Axel D.] Univ Hamburg, Hamburg, Germany; [Powers, Jennifer] Univ Oslo, Oslo, Norway; [Prasad, Rama C.] Univ Minnesota, Dept Ecol Evolut & Behav, St Paul, MN 55108 USA; [Puyravaud, Jean-Philippe] Int Inst Informat Technol, Hyderabad, Andhra Pradesh, India; [Reitsma, Jan] Sigur Nat Trust, Masinagudi, India; [Romero-Saltos, Hugo] Bur Waardenburg Bv, Culemborg, Netherlands; [Rovero, Francesco] Yachay Tech Univ, Dept Biol, Urcuqui, Ecuador; [Rozak, Andes Hamuraby] MUSE Museo Sci, Trento, Italy; [Ruokolainen, Kalle] Indonesian Inst Sci LIPI, Cibodas Bot Gardens, Cianjur, Indonesia; [Rutishauser, Ervan] Univ Turku, Turku, Finland; [Saiter, Felipe] Carboforexpert, Geneva, Switzerland; [Santos, Braulio A.] Inst Fed Espirito Santo, Santa Teresa, Brazil; [Sarker, Swapan K.] Univ Fed Paraiba, BR-58059900 Joao Pessoa, Paraiba, Brazil; [Schmitt, Christine B.] Shahjalal Univ Sci & Technol, Sylhet, Bangladesh; [Schoengart, Jochen; Targhetta, Natuelia] Univ Freiburg, Chair Landscape Management, D-79106 Freiburg, Germany; [Schulze, Mark] Inst Nacl de Pesquisas da Amazonia, Max Planck Project, Manaus, Amazonas, Brazil; [Sheil, Douglas; de Assis, Rafael L.] Oregon State Univ, Corvallis, OR 97331 USA; [Sheil, Douglas] Norwegian Univ Life Sci, As, Norway; [Pinheiro, Eduardo da Silva] Univ Fed Amazonas, Manaus, Amazonas, Brazil; [Sist, Plinio] CIRAD, Montpellier, France; [Stewart, Tariq; Vasquez, Rodolfo] Missouri Bot Garden, St Louis, MO 63166 USA; [Sun, I. -Fang] Natl Dong Hwa Univ, Dept Nat Resources & Environm Studies, Hualien, Taiwan; [Thomas, Duncan W.] Washington State Univ, Dept Biol, Vancouver, ON,</p>				
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<p>Plinio; Stevart, Tariq; Sukumar, Raman; Sun, I. -Fang; Sunderand, Terry; Suresh, H. S. ; Suzuki, Eizi; Tabarelli, Marcelo; Tang, Jangwei; Targhetta, Natuelia; Theilade, Ida; Thomas, Duncan W. ; Tchouto, Peguy; Hurtado, Johanna; Valencia, Renato; van Valkenburg, Johan L. C. H. ; Tran Van Do; Vasquez, Rodolfo; Verbeeck, Hans; Adekunle, Victor; Vieira, Simone A. ; Webb, Campbell O. ; Whitfeld, Timothy; Wich, Serge A. ; Williams, John; Wittmann, Florian; Woell, Hannsjoerg; Yang, Xiaobo; Yao, C. Yves Adou; Yap, Sandra L. ; Yoneda, Tsuyoshi; Zahawi, Rakan</p>			<p>Canada; [Tchouto, Peguy] Ecole Natl Eaux & Forets, Mbalmayo, Cameroon; [Hurtado, Johanna; Zahawi, Rakan A.] Org Trop Field Studies, La Selva, Costa Rica; [Valencia, Renato] Pontificia Univ Catolica Ecuador, Quito, Ecuador; [van Valkenburg, Johan L. C. H.] Nederlands Voedsel En Warenautoriteit, Wageningen, Netherlands; [Tran Van Do] Kyoto Univ, Ctr Southeast Asian Studies, Kyoto, Japan; [Adekunle, Victor] Fed Univ Technol Akure, Akure, Nigeria; [Webb, Campbell O.] Harvard Univ, Arnold Arboretum, Jamaica Plain, MA USA; [Whitfeld, Timothy] Brown Univ, Providence, RI 02912 USA; [Wich, Serge A.] Liverpool John Moores Univ, Liverpool L3 5UX, Merseyside, England; [Wich, Serge A.] Univ Amsterdam, Amsterdam, Netherlands; [Williams, John] Inst Politecn Nacl, Oaxaca, Mexico; [Wittmann, Florian] Max Planck Inst Chem, Biogeochem Dept, D-55128 Mainz, Germany; [Yang, Xiaobo] Hainan Univ, Haikou, Hainan, Peoples R China; [Yao, C. Yves Adou] Felix Houphouet Boigny Univ, Abidjan, Cote Ivoire; [Yap, Sandra L.] Univ Philippines, Inst Biol, Quezon City 1101, Philippines; [Venticinque, Eduardo M.] Univ Fed Rio Grande do Norte, BR-59072970 Natal, RN, Brazil</p>			
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A. ; Zakaria, Rahmad; Zang, Runguo; de Assis, Rafael L. ; Luize, Bruno Garcia; Venticinque, Eduardo M.							
Tang, Chaorong; Yang, Meng; Fang, Yongjun; Luo, Yingfeng; Gao, Shenghan; Xiao, Xiaohu; An, Zewei; Zhou, Binhui; Zhang, Bing; Tan, Xinyu; Yeang, Hoong-Yeet; Qin, Yunxia; Yang, Jianghua; Lin, Qiang; Mei, Hailiang; Montoro, Pascal; Long, Xiangyu; Qi, Jiyan; Hua, Yuwei; He, Zilong; Sun, Min; Li, Wenjie; Zeng, Xia; Cheng, Han; Liu, Ying; Yang, Jin; Tian, Weimin; Zhuang, Nansheng; Zeng, Rizhong; Li, Dejun; He, Peng; Li, Zhe; Zou, Zhi; Li, Shuangli; Li, Chenji; Wang,	The rubber tree genome reveals new insights into rubber production and species adaptation	NATURE PLANTS	[Tang, Chaorong; Fang, Yongjun; Xiao, Xiaohu; An, Zewei; Zhou, Binhui; Qin, Yunxia; Yang, Jianghua; Long, Xiangyu; Qi, Jiyan; Hua, Yuwei; Zeng, Xia; Cheng, Han; Tian, Weimin; Zeng, Rizhong; Li, Dejun; He, Peng; Li, Zhe; Zou, Zhi; Luo, Wei; Huang, Huasun] CATAS, Rubber Res Inst, Danzhou 571737, Peoples R China; [Yang, Meng; Luo, Yingfeng; Tan, Xinyu; Lin, Qiang; He, Zilong; Li, Chenji; Wang, Jixiang; Wei, Dong; Yu, Jun; Hu, Songnian] Chinese Acad Sci, Beijing Inst Genom, CAS Key Lab Genome China; [Yang, Meng; Mei, Hailiang; He, Zilong; Zhuang, Nansheng; Hu, Songnian] Univ Chinese Acad Sci, Beijing, Peoples R China; [Zhou, Binhui] Hainan Univ, Coll Agron, Haikou 570228, Peoples R China; [Sun, Min; Li, Wenjie; Liu, Ying; Yang, Jin; Li, Shuangli] Chinese Acad Sci, Beijing Inst Genom, Core Genom Facil, Beijing 100101, Peoples R China; [Yeang, Hoong-Yeet] Bukit Bandar Raya, Kuala Lumpur 59100, Malaysia; [Montoro, Pascal] UMR AGAP, CIRAD, F-34398 Montpellier, France; [Lai, Chao-Qiang] Tufts Univ, JM USDA Human Nutr Res Ctr Aging, Nutr & Genom Lab, Boston, MA 02111 USA	Tang, CR; Huang, HS (reprint author), CATAS, Rubber Res Inst, Danzhou 571737, Peoples R China. ; Yu, J; Hu, SN (reprint author), Chinese Acad Sci, Beijing Inst Genom, CAS Key Lab Genome Sci & Informat, Beijing 100101, Peoples R China. ; Hu, SN (reprint author), Univ Chinese Acad Sci, Beijing, Peoples R China.	74	Plant Sciences	WOS:0003 80346000 010

Jixiang; Wei, Dong; Lai, Chao-Qiang; Luo, Wei; Yu, Jun; Hu, Songnian; Huang, Huasun							
Lou, Xiaoming; Lin, Chunfu; Luo, Qiang; Zhao, Jinbo; Wang, Bin; Li, Jianbao; Shao, Qian; Guo, Xingkui; Wang, Ning; Guo, Zhanhu	Crystal Structure Modification Enhanced FeNb11029 Anodes for Lithium-Ion Batteries	CHEMELEC TROCHEM	[Lou, Xiaoming; Lin, Chunfu; Li, Jianbao; Wang, Ning] Hainan Univ, Coll Mat & Chem Engr, State Key Lab Marine Resource Utilizat South Chin, Haikou 570228, Hainan, Peoples R China; [Luo, Qiang; Wang, Ning] Univ Elect Sci & Technol China, State Key Lab Elect Thin Film & Integrated Device, Chengdu 610054, Sichuan, Peoples R China; [Luo, Qiang; Zhao, Jinbo; Guo, Zhanhu] Tennessee, Dept Chem & Biomol Engr, ICL, Knoxville, TN 37996 USA; [Wang, Bin] Nanotech LLC, Engr Multifunct Composites EMC, Knoxville, TN 37934 USA; [Shao, Qian; Guo, Xingkui] Shandong Univ Sci & Technol, Coll Chem & Environm Engr, Qingdao 266590, Peoples R China	Lin, CF; Wang, N (reprint author), Hainan Univ, Coll Mat & Chem Engr, State Key Lab Marine Resource Utilizat South Chin, Haikou 570228, Hainan, Peoples R China.; Wang, N (reprint author), Univ Elect Sci & Technol China, State Key Lab Elect Thin Film & Integrated Device, Chengdu 610054, Sichuan, Peoples R China.; Guo, ZH (reprint author), Univ Tennessee, Dept Chem & Biomol Engr, ICL, Knoxville, TN 37996 USA.	71	Electroche mistry	WOS:0004 19269000 020
Di, Jun; Xia, Jiexiang; Ji, Mengxia; Wang, Bin; Li, Xiaowei; Zhang, Qi; Chen, Zhigang; Li, Huaming	Nitrogen-Doped Carbon Quantum Dots/BiOBr Ultrathin Nanosheets: In Situ Strong Coupling and Improved Molecular Oxygen Activation Ability under Visible Light Irradiation	ACS SUSTAINA BLE CHEMISTR Y & ENGINEER ING	[Di, Jun; Xia, Jiexiang; Ji, Mengxia; Wang, Bin; Li, Xiaowei; Zhang, Qi; Li, Huaming] Jjiangsu Univ, Inst Energy Res, Sch Chem & Chem Engr, Zhenjiang 212013, Peoples R China; [Chen, Zhigang] Jjiangsu Univ, Sch Environm, Zhenjiang 212013, Peoples R China; [Zhang, Qi] Hainan Univ, Hainan Prov Key Lab Fine Chem, Haikou 570228, Peoples R China	Xia, JX (reprint author), Jjiangsu Univ, Inst Energy Res, Sch Chem & Chem Engr, 301 Xuefu Rd, Zhenjiang 212013, Peoples R China.	69	Chemistry; Science & Technology - Other Topics; Engineerin g	WOS:0003 67706700 015
Gao, He; Jin,	Days to heading	PROCEEDI	[Gao, He; Jin, Mingna; Zheng, Xiao-Ming;	Yuan, LP (reprint	67	Science &	WOS:0003

Mingna; Zheng, Xiao-Ming; Chen, Jun; Yuan, Dingyang; Xin, Yeyun; Wang, Maoqing; Huang, Dongyi; Zhang, Zhe; Zhou, Kunpeng; Sheng, Peike; Ma, Jin; Ma, Weiwei; Deng, Huafeng; Jiang, Ling; Liu, Shijia; Wang, Haiyang; Wu, Chuanyin; Yuan, Longping; Wan, Jianmin	7, a major quantitative locus determining photoperiod sensitivity and regional adaptation in rice	NGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA	Chen, Jun; Zhang, Zhe; Sheng, Peike; Ma, Jin; Ma, Weiwei; Wang, Haiyang; Wu, Chuanyin; Wan, Jianmin] Chinese Acad Agr Sci, Inst Crop Sci, Natl Key Facil Crop Genet Resources & Genet Improv, Beijing 100081, Peoples R China; [Gao, He; Zhou, Kunpeng; Jiang, Ling; Liu, Shijia; Wan, Jianmin] Nanjing Agr Univ, Jiangsu Plant Gene Engrng Res Ctr, Natl Key Lab Crop Genet & Germplasm Enhancement, Nanjing 210095, Jiangsu, Peoples R China; [Yuan, Dingyang; Xin, Yeyun; Deng, Huafeng; Yuan, Longping] China Natl Hybrid Rice Res & Dev Ctr, State Key Lab Hybrid Rice, Changsha 410125, Hunan, Peoples R China; [Wang, Maoqing] Crop Res & Breeding Ctr Land Reclamation Heilongji, Harbin 150090, Peoples R China; [Huang, Dongyi] Hainan Univ, Coll Agr, Haikou 570028, Peoples R China	author), China Natl Hybrid Rice Res & Dev Ctr, State Key Lab Hybrid Rice, Changsha 410125, Hunan, Peoples R China.	Technology – Other Topics	45153300040
Miao, Hongxia; Sun, Peiguang; Liu, Weixin; Xu, Biyu; Jin, Zhiqiang	Identification of Genes Encoding Granule-Bound Starch Synthase Involved in Amylose Metabolism in Banana Fruit	PLOS ONE	[Miao, Hongxia; Liu, Weixin; Xu, Biyu; Jin, Zhiqiang] China Acad Trop Agr Sci, Inst Trop Biosci & Biotechnol, Key Lab Trop Crop Biotechnol, Minist Agr, Haikou, Hainan, Peoples R China; [Sun, Peiguang; Jin, Zhiqiang] China Acad Trop Agr Sci, Key Lab Genet Improvement Bananas, Haikou Expt Stn, Haikou, Hainan, Peoples R China; [Liu, Weixin] Hainan Univ, Dept Agr, Haikou, Hainan, Peoples R China	Xu, BY (reprint author), China Acad Trop Agr Sci, Inst Trop Biosci & Biotechnol, Key Lab Trop Crop Biotechnol, Minist Agr, Haikou, Hainan, Peoples R China.	Science & Technology – Other Topics	WOS:000336971300050
Luo, Qiang; Ma, He; Hou, Qinzhi; Li, Yingxiang; Ren, Jing; Dai, Xuezheng; Yao, Zhibo; Zhou, Yu; Xiang, Lichen; Du, Huayun; He, Hongcai; Wang, Ning; Jiang, Kaili; Lin, Hong; Zhang, Huaiwu; Guo,	All-Carbon-Electrode-Based Endurable Flexible Perovskite Solar Cells	ADVANCED FUNCTIONAL MATERIALS	[Luo, Qiang; Hou, Qinzhi; Li, Yingxiang; He, Hongcai; Wang, Ning; Zhang, Huaiwu] Univ Elect Sci & Technol China, State Key Lab Elect Thin Film & Integrated Device, Chengdu 610054, Sichuan, Peoples R China; [Ma, He] Beijing Univ Technol, Coll Appl Sci, Beijing 100124, Peoples R China; [Ma, He; Jiang, Kaili] Tsinghua Univ, Collaborat Innovat Ctr Quantum Matter, Dept Phys, Nanotechnol Res Ctr, State Key Lab Low Dimens Quan, Beijing 100084, Peoples R China; [Dai, Xuezheng; Yao, Zhibo; Lin, Hong] Tsinghua Univ, Sch Mat Sci & Engrng, State Key Lab New Ceram & Fine Proc, Beijing 100084, Peoples R China; [Du, Huayun; Guo,	Wang, N (reprint author), Univ Elect Sci & Technol China, State Key Lab Elect Thin Film & Integrated Device, Chengdu 610054, Sichuan, Peoples R China. ; Jiang, KL (reprint author), Tsinghua Univ, Collaborat Innovat Ctr Quantum Matter, Dept Phys, Nanotechnol Res Ctr, State Key Lab Low	Chemistry; Science & Technology – Other Topics; Materials Science; Physics	WOS:000427110100031

Zhanhu			Zhanhu] Univ Tennessee, Dept Chem & Biomol Engr, ICL, Knoxville, TN 37996 USA; [Xiang, Lichen] Zhengzhou Univ, Minist Educ, Key Lab Mat Proc & Mold, Zhengzhou 450001, Henan, Peoples R China; [Wang, Ning] Hainan Univ, State Key Lab Marine Resource Utilizat South Chin, Haikou 570228, Hainan, Peoples R China	Dimens Quan, Beijing 100084, Peoples R China.; Lin, H (reprint author), Tsinghua Univ, Sch Mat Sci & Engr, State Key Lab New Ceram & Fine Proc, Beijing 100084, Peoples R China.; Guo, ZH (reprint author), Univ Tennessee, Dept Chem & Biomol Engr, ICL, Knoxville, TN 37996 USA.; Wang, N (reprint author), Hainan Univ, State Key Lab Marine Resource Utilizat South Chin, Haikou 570228, Hainan, Peoples R China.		
Wardrop, Peter; Shimeta, Jeff; Nugegoda, Dayanthi; Morrison, Paul D.; Miranda, Ana; Tang, Min; Clarke, Bradley O.	Chemical Pollutants Sorbed to Ingested Microbeads from Personal Care Products Accumulate in Fish	ENVIRONMENTAL SCIENCE & TECHNOLOGY	[Wardrop, Peter; Shimeta, Jeff; Nugegoda, Dayanthi; Morrison, Paul D.; Miranda, Ana; Clarke, Bradley O.] RMIT Univ, Ctr Environm Sustainabil & Remediat, GPO Box 2476, Melbourne, Vic 3001, Australia; [Tang, Min] Hainan Univ, Minist Educ, Key Lab Adv Mat Trop Isl Resources, Haikou 570228, Hainan, Peoples R China; [Tang, Min] Hainan Univ, Sch Mat & Chem Engr, Haikou 570228, Hainan, Peoples R China	Clarke, BO (reprint author), RMIT Univ, Ctr Environm Sustainabil & Remediat, GPO Box 2476, Melbourne, Vic 3001, Australia.	Engineering; Environmental Sciences & Ecology	WOS:000373655800086
Sun, Peng; Nie, Pu-yan	A comparative study of feed-in tariff and renewable portfolio standard policy in renewable energy industry	RENEWABLE ENERGY	[Sun, Peng] Hainan Univ, Sch Econ & Management, Haikou 570228, Peoples R China; [Sun, Peng; Nie, Pu-yan] Jinan Univ, Inst Ind Econ, Guangzhou 510632, Guangdong, Peoples R China	Nie, PY (reprint author), Jinan Univ, Inst Ind Econ, Guangzhou 510632, Guangdong, Peoples R China.	Science & Technology - Other Topics; Energy & Fuels	WOS:000345947700028
Yin, Xuewen; Yao, Zhibo; Luo, Qiang;	High Efficiency Inverted	ACS APPLIED MATERIALS	[Yin, Xuewen; Yao, Zhibo; Luo, Qiang; Dai, Xuezeng; Zhou, Yu; Zhang, Ye; Zhou, Yangying; Luo, Songping; Li, Jianbao; Lin,	Lin, H (reprint author), Tsinghua Univ, Sch Mat Sci &	Science & Technology - Other	WOS:000392909500052

Dai, Xuezheng; Zhou, Yu; Zhang, Ye; Zhou, Yangying; Luo, Songping; Li, Jianbao; Wang, Ning; Lin, Hong	Planar Perovskite Solar Cells with Solution-Processed NiOx Hole Contact	S & INTERFAC ES	Hong] Tsinghua Univ, Sch Mat Sci & Engr, State Key Lab New Ceram & Fine Proc, Beijing 100084, Peoples R China; [Li, Jianbao; Wang, Ning] Hainan Univ, Mat & Chem Engr Inst, State Key Lab Marine Resource Utilizat South Chin, Haikou 570228, Peoples R China	Engr, State Key Lab New Ceram & Fine Proc, Beijing 100084, Peoples R China. ; Wang, N (reprint author), Hainan Univ, Mat & Chem Engr Inst, State Key Lab Marine Resource Utilizat South Chin, Haikou 570228, Peoples R China.	Topics: Materials Science	
Gong, Kedong; Hu, Qian; Xiao, Yangyi; Cheng, Xiang; Liu, Hu; Wang, Ning; Qiu, Bin; Guo, Zhanhu	Triple layered core-shell ZVI@carbon@pol yaniline composite enhanced electron utilization in Cr(vi) reduction	JOURNAL OF MATERIAL S CHEMISTR Y A	[Gong, Kedong; Hu, Qian; Xiao, Yangyi; Cheng, Xiang; Qiu, Bin] Beijing Forestry Univ, Beijing Key Lab Source Control Technol Water Poll, Coll Environm Sci & Engr, 35 Qinghua East Rd, Beijing 100083, Peoples R China; [Liu, Hu] Zhengzhou Univ, Natl Engr Res Ctr Adv Polymer Proc Technol, 100 Sci Ave, Zhengzhou 450002, Henan, Peoples R China; [Liu, Hu; Guo, Zhanhu] Univ Tennessee, Dept Chem & Biomol Engr, 1512 Middle Dr, Knoxville, TN 37996 USA; [Wang, Ning] Hainan Univ, State Key Lab Marine Resource Utilizat South Chin, 58 Renmin Ave, Haikou 570100, Hainan, Peoples R China	Qiu, B (reprint author), Beijing Forestry Univ, Beijing Key Lab Source Control Technol Water Poll, Coll Environm Sci & Engr, 35 Qinghua East Rd, Beijing 100083, Peoples R China. ; Guo, ZH (reprint author), Univ Tennessee, Dept Chem & Biomol Engr, 1512 Middle Dr, Knoxville, TN 37996 USA.	Chemistry; Energy & Fuels; Materials Science	WOS:0004 35829000 005
Xie, Peitao; Wang, Zhongyang; Zhang, Zidong; Fan, Runhua; Cheng, Chuanbing; Liu, Hu; Liu, Yao; Li, Tingxi; Yan, Chao; Wang, Ning; Guo, Zhanhu	Silica microsphere templated self-assembly of a three-dimensio nal carbon network with stable radio-freque ncy negative permittivity and low dielectric loss	JOURNAL OF MATERIAL S CHEMISTR Y C	[Xie, Peitao; Wang, Zhongyang; Zhang, Zidong; Cheng, Chuanbing; Liu, Yao] Shandong Univ, Minist Educ, Key Lab Liquid Solid Struct Evolut & Proc Mat, Jinan 250061, Shandong, Peoples R China; [Fan, Runhua] Shanghai Maritime Univ, Coll Ocean Sci & Engr, Shanghai 201306, Peoples R China; [Cheng, Chuanbing; Guo, Zhanhu] Univ Tennessee, Dept Chem & Biomol Engr, ICL, Knoxville, TN 37996 USA; [Liu, Hu] Zhengzhou Univ, Natl Engr Res Ctr Adv Polymer Proc Technol, Zhengzhou 450002, Henan, Peoples R China; [Li, Tingxi] Shandong Univ Sci & Technol, Coll Mat Sci & Engr, Qingdao 266590, Peoples R China; [Yan, Chao] JUST, Sch Mat Sci & Engr, 2	Zhang, ZD (reprint author), Shandong Univ, Minist Educ, Key Lab Liquid Solid Struct Evolut & Proc Mat, Jinan 250061, Shandong, Peoples R China. ; Fan, RH (reprint author), Shanghai Maritime Univ, Coll Ocean Sci & Engr, Shanghai 201306, Peoples R China. ; Guo, ZH (reprint author), Univ Tennessee, Dept	Materials Science; Physics	WOS:0004 32599600 018

			Mengxi Rd, Zhenjiang, Jiangsu, Peoples R China; [Wang, Ning] Hainan Univ, State Key Lab Marine Resource Utilizat South Chin, Haikou 570228, Hainan, Peoples R China	Chem & Biomol Engr, ICL, Knoxville, TN 37996 USA.			
Wu, Weidong; Li, Jianhong; Lan, Tian; Muller, Karin; Niazi, Nabeel Khan; Chen, Xin; Xu, Song; Zheng, Lirong; Chu, Yingchao; Li, Jianwu; Yuan, Guodong; Wang, Hailong	Unraveling sorption of lead in aqueous solutions by chemically modified biochar derived from coconut fiber: A microscopic and spectroscopic investigation	SCIENCE OF THE TOTAL ENVIRONMENT	[Wu, Weidong; Chen, Xin; Xu, Song; Wang, Hailong] Foshan Univ, Sch Environm & Chem Engr, Foshan 528000, Guangdong, Peoples R China; [Wu, Weidong; Li, Jianhong; Lan, Tian; Chu, Yingchao] Hainan Univ, Key Lab Protect & Dev Utilizat Trop Crop Germplas, Minist Educ, Haikou 570228, Hainan, Peoples R China; [Muller, Karin] New Zealand Inst Plant & Food Res Ltd, Ruakura Res Ctr, Private Bag 3123, Hamilton, New Zealand; [Niazi, Nabeel Khan] Univ Agr Faisalabad, Inst Soil & Environm Sci, Faisalabad 38040, Pakistan; [Niazi, Nabeel Khan] Univ Bremen, MARUM, D-28359 Bremen, Germany; [Niazi, Nabeel Khan] Univ Bremen, Dept Geosci, D-28359 Bremen, Germany; [Zheng, Lirong] Chinese Acad Sci, Inst High Energy Phys, Beijing 100039, Peoples R China; [Li, Jianwu; Wang, Hailong] Zhejiang A&F Univ, Sch Environm & Resource Sci, Key Lab Soil Contaminat Bioremediat Zhejiang Prov, Hangzhou 311300, Zhejiang, Peoples R China; [Wang, Hailong] Guangdong Dazhong Agr Sci Co Ltd, Dongguan 523169, Guangdong, Peoples R China	Wang, HL (reprint author), Foshan Univ, Sch Environm & Chem Engr, Foshan 528000, Guangdong, Peoples R China.	41	Environmen tal Sciences & Ecology	WOS:0003 90964700 072
Wang, Qintao; Lu, Yandu; Xin, Yi; Wei, Li; Huang, Shi; Xu, Jian	Genome editing of model oleaginous microalgae Nannochloropsis spp. by CRISPR/Cas9	PLANT JOURNAL	[Wang, Qintao; Lu, Yandu; Xin, Yi; Wei, Li; Huang, Shi; Xu, Jian] Chinese Acad Sci, Qingdao Inst BioEnergy & Bioproc Technol, CAS Key Lab Biofuels, Single Cell Ctr, Qingdao 266101, Shandong, Peoples R China; [Wang, Qintao; Lu, Yandu; Xin, Yi; Wei, Li; Huang, Shi; Xu, Jian] Chinese Acad Sci, Qingdao Inst BioEnergy & Bioproc Technol, Shandong Key Lab Energy Genet, Qingdao 266101, Shandong, Peoples R China; [Wang, Qintao; Huang, Shi; Xu, Jian] Univ Chinese Acad Sci, Beijing 100049, Peoples R China; [Lu, Yandu] Hainan Univ, Coll Oceanol, State Key Lab Marine Resource Utilizat South Chin, Haikou 570228, Hainan, Peoples R China	Xu, J (reprint author), Chinese Acad Sci, Qingdao Inst BioEnergy & Bioproc Technol, CAS Key Lab Biofuels, Single Cell Ctr, Qingdao 266101, Shandong, Peoples R China.; Xu, J (reprint author), Chinese Acad Sci, Qingdao Inst BioEnergy & Bioproc Technol, Shandong Key Lab Energy Genet, Qingdao 266101,	40	Plant Sciences	WOS:0003 93126200 013

			R China	Shandong, Peoples R China.; Xu, J (reprint author), Univ Chinese Acad Sci, Beijing 100049, Peoples R China.			
Yuan, Hong-Mei; Huang, Xi	Inhibition of root meristem growth by cadmium involves nitric oxide-mediated repression of auxin accumulation and signalling in Arabidopsis	PLANT CELL AND ENVIRONM ENT	[Yuan, Hong-Mei; Huang, Xi] Hainan Univ, Hainan Key Lab Sustainable Utilizat Trop Bioresou, Coll Agr, Haikou 570228, Peoples R China	Huang, X (reprint author), Hainan Univ, Hainan Key Lab Sustainable Utilizat Trop Bioresou, Coll Agr, Haikou 570228, Peoples R China.	39	Plant Sciences	WOS:000368499500011
Hou, Qinzhi; Ren, Jing; Chen, Haijun; Yang, Pan; Shao, Qian; Zhao, Min; Zhao, Xiaochong; He, Hongcai; Wang, Ning; Luo, Qiang; Guo, Zhanhu	Synergistic Hematite-Fullerene Electron-Extracting Layers for Improved Efficiency and Stability in Perovskite Solar Cells	CHEMELECTROCHEM	[Hou, Qinzhi; Ren, Jing; Chen, Haijun; He, Hongcai; Wang, Ning; Luo, Qiang] Univ Elect Sci & Technol China, State Key Lab Elect Thin Film & Integrated Device, Chengdu 610054, Sichuan, Peoples R China; [Chen, Haijun; Wang, Ning] Hainan Univ, State Key Lab Marine Resource Utilizat South Chin, Haikou 570228, Hainan, Peoples R China; [Yang, Pan; Zhao, Xiaochong] China Acad Engrn Phys, Inst Mat, Jianguyou 610200, Peoples R China; [Shao, Qian] Shandong Univ Sci & Technol, Coll Chem & Environm Engrn, Qingdao 266590, Peoples R China; [Zhao, Min; Guo, Zhanhu] Univ Tennessee, Dept Chem & Biomol Engrn, ICL, Knoxville, TN 37966 USA	Wang, N; Luo, Q (reprint author), Univ Elect Sci & Technol China, State Key Lab Elect Thin Film & Integrated Device, Chengdu 610054, Sichuan, Peoples R China.; Wang, N (reprint author), Hainan Univ, State Key Lab Marine Resource Utilizat South Chin, Haikou 570228, Hainan, Peoples R China.; Guo, ZH (reprint author), Univ Tennessee, Dept Chem & Biomol Engrn, ICL, Knoxville, TN 37966 USA.	37	Electrochemistry	WOS:000426495000001
Wang, Zicheng; Wei, Renbo; Gu, Junwei; Liu, Hu; Liu, Chuntai; Luo,	Ultralight, highly compressible and fire-retardant	CARBON	[Wang, Zicheng; Wei, Renbo; Liu, Xiaobo] Univ Elect Sci & Technol China, Sch Mat & Energy, Res Branch Adv Funct Mat, Chengdu 611731, Sichuan, Peoples R China; [Gu, Junwei; Luo, Chunjia; Kong, Jie]	Wei, RB; Liu, XB (reprint author), Univ Elect Sci & Technol China, Sch Mat & Energy, Res Branch	36	Chemistry; Materials Science	WOS:000446063100127

Chunjia; Kong, Jie; Shao, Qian; Wang, Ning; Guo, Zhanhu; Liu, Xiaobo	graphene aerogel with self-adjustable electromagnetic wave absorption		Northwestern Polytech Univ, MOE Key Lab Mat Phys & Chem Extraordinary Condit, Sch Sci, Xian 710072, Shaanxi, Peoples R China; [Liu, Hu; Liu, Chuntai] Zhengzhou Univ, Natl Engr Res Ctr Adv Polymer Proc Technol, Zhengzhou 450002, Henan, Peoples R China; [Shao, Qian] Shandong Univ Sci & Technol, Coll Chem & Environm Engr, Qingdao 266590, Shandong, Peoples R China; [Wang, Ning] Hainan Univ, State Key Lab Marine Resource Utilizat South Chin, Haikou 570228, Hainan, Peoples R China; [Wang, Zicheng; Liu, Hu; Guo, Zhanhu] Univ Tennessee, Dept Chem & Biomol Engr, ICL, Knoxville, TN 37996 USA	Adv Funct Mat, Chengdu 611731, Sichuan, Peoples R China.; Kong, J (reprint author), Northwestern Polytech Univ, MOE Key Lab Mat Phys & Chem Extraordinary Condit, Sch Sci, Xian 710072, Shaanxi, Peoples R China.; Guo, ZH (reprint author), Univ Tennessee, Dept Chem & Biomol Engr, ICL, Knoxville, TN 37996 USA.		
Deng, Weiyuan; Kang, Tianhe; Liu, Hu; Zhang, Jiaoxia; Wang, Ning; Lu, Na; Ma, Yong; Umar, Ahmad; Guo, Zhanhu	Potassium Hydroxide Activated and Nitrogen Doped Graphene with Enhanced Supercapacitive Behavior	SCIENCE OF ADVANCED MATERIALS	[Deng, Weiyuan; Kang, Tianhe] Taiyuan Univ Technol, Inst Min Technol, Taiyuan 030024, Shanxi, Peoples R China; [Liu, Hu; Zhang, Jiaoxia; Ma, Yong; Guo, Zhanhu] Univ Tennessee, Dept Chem & Biomol Engr, ICL, Knoxville, TN 37996 USA; [Liu, Hu] Zhengzhou Univ, Natl Engr Res Ctr Adv Polymer Proc Technol, Zhengzhou 450002, Henan, Peoples R China; [Zhang, Jiaoxia] JUST, Sch Mat Sci & Engr, Zhenjiang 212003, Jiangsu, Peoples R China; [Wang, Ning] Hainan Univ, State Key Lab Marine Resource Utilizat South Chin, Haikou 570228, Hainan, Peoples R China; [Lu, Na] Purdue Univ, Birck Nanotechnol Ctr, Lyles Sch Civil Engr, Sch Mat Engr, W Lafayette, IN 47906 USA; [Ma, Yong] Shandong Univ Sci & Technol, Coll Mat Sci & Engr, Qingdao 266590, Peoples R China; [Umar, Ahmad] Najran Univ, Fac Sci & Arts, Dept Chem, Najran 11001, Saudi Arabia; [Umar, Ahmad] Najran Univ, PCSED, Najran 11001, Saudi Arabia	Kang, TH (reprint author), Taiyuan Univ Technol, Inst Min Technol, Taiyuan 030024, Shanxi, Peoples R China.; Guo, ZH (reprint author), Univ Tennessee, Dept Chem & Biomol Engr, ICL, Knoxville, TN 37996 USA.; Umar, A (reprint author), Najran Univ, Fac Sci & Arts, Dept Chem, Najran 11001, Saudi Arabia.; Umar, A (reprint author), Najran Univ, PCSED, Najran 11001, Saudi Arabia.	34	Science & Technology - Other Topics: Materials Science; Physics WOS:0004332902003
Cai, Sixiang; Liu, Jie; Zha, Kaiwen; Li, Hongrui; Shi, Liyi; Zhang, Dongsong	A general strategy for the in situ decoration of porous Mn-Co bi-metal	NANOSCALE	[Cai, Sixiang; Liu, Jie; Zha, Kaiwen; Li, Hongrui; Shi, Liyi; Zhang, Dongsong] Shanghai Univ, Res Ctr Nano Sci & Technol, Shanghai 200444, Peoples R China; [Cai, Sixiang] Hainan Univ, State Key Lab Marine Resource Utilizat South Chin, Haikou	Zhang, DS (reprint author), Shanghai Univ, Res Ctr Nano Sci & Technol, Shanghai 200444, Peoples R China.	32	Chemistry: Science & Technology - Other Topics: Materials WOS:00040086550033

	oxides on metal mesh/foam for high performance de-NOx monolith catalysts		570228, Hainan, Peoples R China			Science; Physics	
Wu, Zijian; Cui, Hongyu; Chen, Lei; Jiang, Dawei; Weng, Ling; Ma, Yingyi; Li, Xuejiao; Zhang, Xiaohong; Liu, Hu; Wang, Ning; Zhang, Jiaoxia; Ma, Yong; Zhang, Mingyan; Huang, Yudong; Guo, Zhanhu	Interfacially reinforced unsaturated polyester carbon fiber composites with a vinyl ester-carbon nanotubes sizing agent	COMPOSITE SCIENCE AND TECHNOLOGY	[Wu, Zijian; Weng, Ling; Zhang, Xiaohong; Zhang, Mingyan] Harbin Univ Sci & Technol, Minist Educ, Key Lab Engr Dielect & Its Applicat, Harbin 150040, Heilongjiang, Peoples R China; [Wu, Zijian; Cui, Hongyu; Weng, Ling; Ma, Yingyi; Li, Xuejiao; Zhang, Xiaohong; Zhang, Mingyan] Harbin Univ Sci & Technol, Coll Mat Sci & Engr, Harbin 150040, Heilongjiang, Peoples R China; [Chen, Lei; Huang, Yudong] Harbin Inst Technol, Sch Chem Engr & Technol, Harbin 150001, Heilongjiang, Peoples R China; [Jiang, Dawei] Northeast Forestry Univ, Heilongjiang Key Lab Mol Design & Preparat Flame, Harbin 150040, Heilongjiang, Peoples R China; [Liu, Hu] Zhengzhou Univ, Natl Engr Res Ctr Adv Polymer Proc Technol, Zhengzhou 450002, Henan, Peoples R China; [Liu, Hu; Zhang, Jiaoxia; Ma, Yong; Guo, Zhanhu] Univ Tennessee, Dept Chem & Biomol Engr, Integrated Composites Lab, Knoxville, TN 37996 USA; [Wang, Ning] Hainan Univ, State Key Lab Marine Resource Utilizat South Chin, Haikou 570228, Hainan, Peoples R China; [Zhang, Jiaoxia] Jiangsu Univ Sci & Technol, Sch Mat Sci & Engr, Zhenjiang 212003, Jiangsu, Peoples R China; [Ma, Yong] Shandong Univ Sci & Technol, Coll Mat Sci & Engr, Qingdao 266590, Peoples R China	Wu, ZJ (reprint author), Harbin Univ Sci & Technol, Minist Educ, Key Lab Engr Dielect & Its Applicat, Harbin 150040, Heilongjiang, Peoples R China.; Huang, YD (reprint author), Harbin Inst Technol, Sch Chem Engr & Technol, Harbin 150001, Heilongjiang, Peoples R China.; Guo, ZH (reprint author), Univ Tennessee, Dept Chem & Biomol Engr, Integrated Composites Lab, Knoxville, TN 37996 USA.	28	Materials Science	WOS:0004 40121700 024
Zhang, Zhengke; Zhu, Qinggang; Hu, Meijiao; Gao, Zhaoyin; An, Feng; Li, Min; Jiang, Yueming	Low-temperature conditioning induces chilling tolerance in stored mango fruit	FOOD CHEMISTRY	[Zhang, Zhengke; Zhu, Qinggang; Hu, Meijiao; Gao, Zhaoyin; Li, Min] Chinese Acad Trop Agr Sci, Environm & Plant Protect Inst, Haikou 571101, Peoples R China; [Zhang, Zhengke] Hainan Univ, Coll Food Sci & Technol, Haikou 570228, Peoples R China; [An, Feng] Chinese Acad Trop Agr Sci, Rubber	Li, M (reprint author), Chinese Acad Trop Agr Sci, Environm & Plant Protect Inst, Haikou 571101, Peoples R China.	25	Chemistry; Food Science & Technology; Nutrition & Dietetics	WOS:0003 86984100 011

			Res Inst, Danzhou 571737, Peoples R China; [Zhang, Zhengke; Jiang, Yueming] Chinese Acad Sci, South China Bot Garden, Guangzhou 510650, Guangdong, Peoples R China				
Zhu, Guangtao; Wang, Shouchuang; Huang, Zejun; Zhang, Shuaibin; Liao, Qinggang; Zhang, Chunzhi; Lin, Tao; Qin, Mao; Peng, Meng; Yang, Chenkun; Cao, Xue; Han, Xu; Wang, Xiaoxuan; van der Knaap, Esther; Zhang, Zhonghua; Cui, Xia; Klee, Harry; Fernie, Alisdair R.; Luo, Jie; Huang, Sanwen	Rewiring of the Fruit Metabolome in Tomato Breeding	CELL	[Zhu, Guangtao; Liao, Qinggang; Zhang, Chunzhi; Lin, Tao; Qin, Mao; Han, Xu; Huang, Sanwen] Chinese Acad Agr Sci, Genome Anal Lab, Minist Agr, Agr Genom Inst Shenzhen, Shenzhen 518124, Guangdong, Peoples R China; [Wang, Shouchuang; Peng, Meng; Yang, Chenkun; Luo, Jie] Huazhong Agr Univ, Natl Key Lab Crop Genet Improvement, Wuhan 430070, Hubei, Peoples R China; [Wang, Shouchuang; Peng, Meng; Yang, Chenkun; Luo, Jie] Huazhong Agr Univ, Natl Ctr Plant Gene Res Wuhan, Wuhan 430070, Hubei, Peoples R China; [Huang, Zejun; Zhang, Shuaibin; Cao, Xue; Wang, Xiaoxuan; Zhang, Zhonghua; Cui, Xia; Huang, Sanwen] Chinese Acad Agr Sci, Key Lab Biol & Genet Improvement Hort Crops, Sinodutch Joint Lab Hort Gen, Minist Agr, Inst Vegetables & Flowers, Beijing 100081, Peoples R China; [van der Knaap, Esther] Univ Georgia, Dept Hort, Athens, GA 30602 USA; [Klee, Harry] Univ Florida, Plant Innovat Ctr, Hort Sci, Gainesville, FL 32611 USA; [Fernie, Alisdair R.] Max Planck Inst Mol Plant Physiol, D-144776 Potsdam, Germany; [Fernie, Alisdair R.] Ctr Plant Syst Biol & Biotechnol, Plovdiv 4000, Bulgaria; [Luo, Jie] Hainan Univ, Inst Trop Agr & Forestry, Haikou 572208, Hainan, Peoples R China	Huang, SW (reprint author), Chinese Acad Agr Sci, Genome Anal Lab, Minist Agr, Agr Genom Inst Shenzhen, Shenzhen 518124, Guangdong, Peoples R China.; Luo, J (reprint author), Huazhong Agr Univ, Natl Key Lab Crop Genet Improvement, Wuhan 430070, Hubei, Peoples R China.; Luo, J (reprint author), Huazhong Agr Univ, Natl Ctr Plant Gene Res Wuhan, Wuhan 430070, Hubei, Peoples R China.; Huang, SW (reprint author), Chinese Acad Agr Sci, Key Lab Biol & Genet Improvement Hort Crops, Sinodutch Joint Lab Hort Gen, Minist Agr, Inst Vegetables & Flowers, Beijing 100081, Peoples R China.; Luo, J (reprint author), Hainan Univ, Inst Trop Agr & Forestry, Haikou 572208, Hainan, Peoples R China.	23	Biochemistry & Molecular Biology; Cell Biology	WOS:0004 19840100 023
Wang, Dong; Qu, Zhipeng; Yang, Lan; Zhang, Qingzhu; Liu, Zhi-Hong; Trung Do	Transposable elements (TEs) contribute to stress-related long	PLANT JOURNAL	[Wang, Dong; Yang, Lan; Zhang, Qingzhu; Liu, Zhi-Hong; Zhu, Jian-Kang] Chinese Acad Sci, Shanghai Ctr Plant Stress Biol, Shanghai Inst Biol Sci, Shanghai 200032, Peoples R China; [Qu, Zhipeng; Trung Do;	Zhu, JK (reprint author), Chinese Acad Sci, Shanghai Ctr Plant Stress Biol, Shanghai Inst Biol	22	Plant Sciences	WOS:0003 97501700 010

Do; Adelson, David L.; Wang, Zhen-Yu; Searle, Iain; Zhu, Jian-Kang	intergenic noncoding RNAs in plants		Adelson, David L.; Searle, Iain] Univ Adelaide, Dept Genet & Evolut, Sch Biol Sci, Adelaide, SA 5005, Australia; [Wang, Zhen-Yu] Hainan Univ, Hainan Key Lab Sustainable Utilizat Trop Bioresou, Coll Agr, Haikou, Peoples R China; [Zhu, Jian-Kang] Purdue Univ, Dept Hort & Landscape Architecture, W Lafayette, IN 47907 USA	Sci, Shanghai 200032, Peoples R China.; Searle, I (reprint author), Univ Adelaide, Dept Genet & Evolut, Sch Biol Sci, Adelaide, SA 5005, Australia.; Zhu, JK (reprint author), Purdue Univ, Dept Hort & Landscape Architecture, W Lafayette, IN 47907 USA.			
Guo, Yaoguang; Li, Yaguang; Lou, Xiaoyi; Guan, Jie; Li, Yingshun; Mai, Xianmin; Liu, Hu; Zhao, Cindy Xinxin; Wang, Ning; Yan, Chao; Gao, Guilan; Yuan, Hao; Dai, Jue; Su, Ruijng; Guo, Zhanhu	Improved extraction of cobalt and lithium by reductive acid from spent lithium-ion batteries via mechanical activation process	JOURNAL OF MATERIALS SCIENCE	[Guo, Yaoguang; Guan, Jie; Gao, Guilan; Yuan, Hao; Dai, Jue; Su, Ruijng] Shanghai Polytech Univ, Sch Environm & Mat Engn, Shanghai 201209, Peoples R China; [Li, Yaguang] Shanghai Waigaoqiao Bonded Area Environm Serv Co, Shanghai 200131, Peoples R China; [Lou, Xiaoyi] Chinese Acad Fishery Sci, East China Sea Fisheries Res Inst, Minist Agr, Key Lab Control Qual & Safety Aquat Prod, Shanghai 200090, Peoples R China; [Guan, Jie; Yuan, Hao] Shanghai Pudong Shuguang Res Ctr High Environm Tr, Shanghai 201209, Peoples R China; [Li, Yingshun] Shanghai Xin Jinqiao Environm Protect Co Ltd, Shanghai 201201, Peoples R China; [Mai, Xianmin] Southwest Minzu Univ, Sch Urban Planning & Architecture, Chengdu 610041, Peoples R China; [Liu, Hu] Zhengzhou Univ, Natl Engn Res Ctr Adv Polymer Proc Technol, Zhengzhou 450002, Henan, Peoples R China; [Liu, Hu; Zhao, Cindy Xinxin; Guo, Zhanhu] Univ Tennessee, Dept Chem & Bimol Engn, ICL, Knoxville, TN 37996 USA; [Wang, Ning] Hainan Univ, State Key Lab Marine Resource Utilizat South Chin, Haikou 570228, Hainan, Peoples R China; [Yan, Chao] Jiangsu Univ Sci & Technol, Sch Mat Sci & Engn, Zhenjiang, Jiangsu, Peoples R China	Guan, J (reprint author), Shanghai Polytech Univ, Sch Environm & Mat Engn, Shanghai 201209, Peoples R China.; Guan, J (reprint author), Shanghai Pudong Shuguang Res Ctr High Environm Tr, Shanghai 201209, Peoples R China.; Guo, ZH (reprint author), Univ Tennessee, Dept Chem & Bimol Engn, ICL, Knoxville, TN 37996 USA.	19	Materials Science	WOS:000440047900043
Pu, Yuan; Cai,	Colloidal	INDUSTRI	[Pu, Yuan; Wang, Dan; Wang, Jie-Xin; Chen,	Wang, D (reprint	19	Engineerin	WOS:0004

Fuhong; Wang, Dan; Wang, Jie-Xin; Chen, Jian-Feng	Synthesis of Semiconductor Quantum Dots toward Large Scale Production: A Review	AL & ENGINEERING CHEMISTRY RESEARCH	[Jian-Feng] Beijing Univ Chem Technol, State Key Lab Organ Inorgan Composites, Beijing 100029, Peoples R China; [Pu, Yuan; Wang, Dan; Wang, Jie-Xin; Chen, Jian-Feng] Beijing Univ Chem Technol, Res Ctr Minist Educ High Grav Engr & Technol, Beijing 100029, Peoples R China; [Cai, Fuhong] Hainan Univ, Mech & Elect Engr Coll, Dept Elect Engr, Haikou 570228, Hainan, Peoples R China	author), Beijing Univ Chem Technol, State Key Lab Organ Inorgan Composites, Beijing 100029, Peoples R China.; Wang, D (reprint author), Beijing Univ Chem Technol, Res Ctr Minist Educ High Grav Engr & Technol, Beijing 100029, Peoples R China.	g	2547390003
Xu, Yang; Wen, Wei; Wu, Jin-Ming	Titania nanowires functionalized polyester fabrics with enhanced photocatalytic and antibacterial performances	JOURNAL OF HAZARDOUS MATERIALS	[Xu, Yang; Wen, Wei; Wu, Jin-Ming] Zhejiang Univ, State Key Lab Silicon Mat, Hangzhou 310037, Zhejiang, Peoples R China; [Xu, Yang; Wen, Wei; Wu, Jin-Ming] Zhejiang Univ, Sch Mat Sci & Engr, Hangzhou 310037, Zhejiang, Peoples R China; [Wen, Wei] Hainan Univ, Coll Mech & Elect Engr, Haikou 570228, Hainan, Peoples R China	Wu, JM (reprint author), Zhejiang Univ, State Key Lab Silicon Mat, Hangzhou 310037, Zhejiang, Peoples R China.; Wu, JM (reprint author), Zhejiang Univ, Sch Mat Sci & Engr, Hangzhou 310037, Zhejiang, Peoples R China.	Engineering: Environmental Sciences & Ecology	WOS:00041410670032
Wang, Guilong; Wang, Long; Mark, Lun Howe; Shaayegan, Vahid; Wang, Guizhen; Li, Huiping; Zhao, Guoqun; Park, Chul B.	Ultralow-Threshold and Lightweight Biodegradable Porous PLA/MWCNT with Segregated Conductive Networks for High-Performance Thermal Insulation and Electromagnetic Interference Shielding Applications	ACS APPLIED MATERIALS & INTERFACES	[Wang, Guilong; Zhao, Guoqun] Shandong Univ, Sch Mat Sci & Engr, Minist Educ, Key Lab Liquid Solid Struct Evolut & Proc Mat, Jinan 250061, Shandong, Peoples R China; [Wang, Guilong; Wang, Long; Mark, Lun Howe; Shaayegan, Vahid; Park, Chul B.] Univ Toronto, Dept Mech & Ind Engr, Microcellular Plast Mfg Lab, Toronto, ON M5S 3G8, Canada; [Wang, Guizhen] Hainan Univ, Chinese Educ Minist Trop Biol Resources, Key Lab, Haikou 570228, Hainan, Peoples R China; [Li, Huiping] Shandong Univ Sci & Technol, Sch Mat Sci & Engr, Qingdao 266590, Shandong, Peoples R China	Wang, GL; Zhao, GQ (reprint author), Shandong Univ, Sch Mat Sci & Engr, Minist Educ, Key Lab Liquid Solid Struct Evolut & Proc Mat, Jinan 250061, Shandong, Peoples R China.; Wang, GL; Park, CB (reprint author), Univ Toronto, Dept Mech & Ind Engr, Microcellular Plast Mfg Lab, Toronto, ON M5S 3G8, Canada.	Science & Technology - Other Topics; Materials Science	WOS:000422814400128
Chen, Tiejiao; Zhao, Chang-Qiu; Han, Li-Biao	Hydrophosphorylation of Alkynes Catalyzed by	JOURNAL OF THE AMERICAN CHEMICAL	[Chen, Tiejiao] Hainan Univ, Coll Mat & Chem Engr, Haikou 570228, Hainan, Peoples R China; [Zhao, Chang-Qiu] Liaocheng Univ, Coll Chem & Chem Engr, Liaocheng 252059,	Han, LB (reprint author), Natl Inst Adv Ind Sci & Technol, Tsukuba, Ibaraki	15 Chemistry	WOS:000426617700061

	Palladium: Generality and Mechanism	SOCIETY	Shandong, Peoples R China; [Chen, Tieqiao; Zhao, Chang-Qiu; Han, Li-Biao] Natl Inst Adv Ind Sci & Technol, Tsukuba, Ibaraki 3058565, Japan	3058565, Japan.			
Cheng, Jieren; Xu, Ruomeng; Tang, Xiangyan; Sheng, Victor S.; Cai, Canting	An Abnormal Network Flow Feature Sequence Prediction Approach for DDoS Attacks Detection in Big Data Environment	CMC-COMPUTERS MATERIALS & CONTINUA	[Cheng, Jieren; Xu, Ruomeng; Tang, Xiangyan; Cai, Canting] Hainan Univ, Sch Informat Sci & Technol, Haikou 570228, Hainan, Peoples R China; [Cheng, Jieren] State Key Lab Marine Resource Utilizat S & South Chin, Haikou 570228, Hainan, Peoples R China; [Sheng, Victor S.] Univ Cent Arkansas, Dept Comp Sci, Conway, AR 72035 USA	Xu, RM (reprint author), Hainan Univ, Sch Informat Sci & Technol, Haikou 570228, Hainan, Peoples R China.	14	Engineering; Materials Science; Mathematics	WOS:000432757100006
Wang, Chang; Wang, Yu; Ge, Rile; Song, Xuedan; Xing, Xueqing; Jiang, Qike; Lu, Hui; Hao, Ce; Guo, Xinwen; Gao, Yanan; Jiang, Donglin	A 3D Covalent Organic Framework with Exceptionally High Iodine Capture Capability	CHEMISTRY-AMERICAN CHEMICAL SOCIETY	[Wang, Chang; Wang, Yu; Ge, Rile; Jiang, Qike; Lu, Hui; Gao, Yanan] Chinese Acad Sci, Dalian Inst Chem Phys, Dalian Natl Lab Clean Energy, 457 Zhongshan Rd, Dalian 116023, Peoples R China; [Jiang, Donglin] Japan Adv Inst Sci & Technol, Field Environm & Energy, Sch Mat Sci, 1-1 Asahidai Nomi, Nomi 9231292, Japan; [Gao, Yanan] Hainan Univ, Key Lab, Minist Educ Adv Mat Trop Isl Resources, 58 Renmin Ave, Haikou 570228, Hainan, Peoples R China; [Song, Xuedan; Hao, Ce; Guo, Xinwen; Gao, Yanan] Dalian Univ Technol, State Key Lab Fine Chem, 2 Linggong Rd, Dalian 116024, Peoples R China; [Xing, Xueqing] Chinese Acad Sci, Inst High Energy Phys, Beijing Synchrotron Radiat Facil, 39 Yuquan Rd, Beijing 100049, Peoples R China	Gao, YA (reprint author), Chinese Acad Sci, Dalian Inst Chem Phys, Dalian Natl Lab Clean Energy, 457 Zhongshan Rd, Dalian 116023, Peoples R China.; Jiang, DL (reprint author), Japan Adv Inst Sci & Technol, Field Environm & Energy, Sch Mat Sci, 1-1 Asahidai Nomi, Nomi 9231292, Japan.; Gao, YA (reprint author), Hainan Univ, Key Lab, Minist Educ Adv Mat Trop Isl Resources, 58 Renmin Ave, Haikou 570228, Hainan, Peoples R China.; Gao, YA (reprint author), Dalian Univ Technol, State Key Lab Fine Chem, 2 Linggong Rd, Dalian 116024, Peoples R China.	12	Chemistry	WOS:000419893400012
Slik, J. W. Ferry;	Phylogenetic classification	PROCEEDINGS OF THE	[Slik, J. W. Ferry; Din, Hazimah; Fandohan, Adande Belarmain; Metali, Faizah; Souza,	Slik, JWF (reprint author), Univ Brunei	10	Science & Technology	WOS:000425495000

Franklin, Janet; Arroyo-Rodriguez, Victor; Field, Richard; Aguilar, Salomon; Aguirre, Nikolay; Ahumada, Jorge; Aiba, Shin-Ichiro; Alves, Luciana F.; Anitha, K.; Avella, Andres; Mora, Francisco; Aymard C, Gerardo A.; Baez, Selene; Balvanera, Patricia; Bastian, Meredith L.; Bastin, Jean-Francois; Bellingham, Peter J.; van den Berg, Eduardo; Bispo, Polyanna da Conceicao; Boeckx, Pascal; Boehning-Gaese, Katrin; Bongers, Frans; Boyle, Brad; Brambach, Fabian; Brearley, Francis Q.; Brown, Sandra; Chai, Shauna-Lee;	of the world's tropical forests	THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA	Alexandre F.; Sukri, Rahayu; Sultana, Aisha] Univ Brunei Darussalam, Fac Sci, Environm & Life Sci, BE-1410 Gadong, Brunei; [Franklin, Janet] Univ Calif Riverside, Dept Bot & Plant Sci, Riverside, CA 92521 USA; [Arroyo-Rodriguez, Victor; Mora, Francisco; Balvanera, Patricia; Ibarra-Manriquez, Guillermo] Univ Nacl Autonoma Mexico, Inst Invest Ecosistemas & Sustentabilidad, Morelia 58190, Michoacan, Mexico; [Field, Richard] Univ Nottingham, Sch Geog, Nottingham NG7 2RD, England; [Aguilar, Salomon; Jansen, Patrick A.; Rutishauser, Ervan] Smithsonian Trop Res Inst, Ctr Trop Forest Sci, Ancon, Panama; [Aguirre, Nikolay] Univ Nacl Loja, Biodivers & Ecosyst Serv Res Program, EC-110103 Loja, Ecuador; [Ahumada, Jorge] Conservat Int, Moore Ctr Sci, Arlington, VA 22202 USA; [Aiba, Shin-Ichiro; Suzuki, Eizi] Kagoshima Univ, Grad Sch Sci & Engn, Kagoshima 8900065, Japan; [Alves, Luciana F.] Univ Calif Los Angeles, Inst Environm & Sustainabil, Ctr Trop Res, Los Angeles, CA 90095 USA; [Anitha, K.; Joseph, Shijo; Laumonier, Yves; Sunderland, Terry] Ctr Int Forestry Res CIFOR, Forest & Environm Program, Bogor 16115, Indonesia; [Avella, Andres; Rangel, Orlando] Univ Nacl Colombia, Inst Ciencias Nat, Bogota 111321, Colombia; [Aymard C, Gerardo A.] Herbario Univ PORT, UNELLEZ Guanare, Programa Ciencias Agro & Mar, Mesa De Cavacas 3350, Estado Portugue, Venezuela; [Aymard C, Gerardo A.] Compensat Int Progress SA Ciprogress Greenlife, Bogota, Colombia; [Baez, Selene] Escuela Politecn Nacl Ecuador, Dept Biol, E-11253 Ladron De Guevara, Quito, Ecuador; [Bastian, Meredith L.] Smithsonians Natl Zoo, Anim Care Sci, Primates, Washington, DC 20013 USA; [Bastin, Jean-Francois] ETH, Dept Environm Syst Sci, Inst Integrat Biol, CH-8092 Zurich, Switzerland; [Bellingham,	Darussalam, Fac Sci, Environm & Life Sci, BE-1410 Gadong, Brunei.; Franklin, J (reprint author), Univ Calif Riverside, Dept Bot & Plant Sci, Riverside, CA 92521 USA.	- Other Topics	062
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<p>Chazdon, Robin L. ; Chen, Shengbin; Chhang, Phourin; Chuyong, George; Ewango, Corneille; Coronado, Indiana M. ; Cristobal-Azka rate, Jurgi; Culmsee, Heike; Damas, Kipiro; Dattaraja, H. S. ; Davidar, Priya; DeWalt, Saara J. ; Din, Hazimah; Drake, Donald R. ; Duque, Alvaro; Durigan, Giselda; Eichhorn, Karl; Eler, Eduardo Schmidt; Enoki, Tsutomu; Ensslin, Andreas; Fandohan, Adande Belarmain; Farwig, Nina; Feeley, Kenneth J. ; Fischer, Markus; Forshed, Olle; Garcia, Queila Souza; Garkoti, Satish Chandra; Gillespie, ThomasW. ; Gillet, Jean-Francois;</p>			<p>Peter J. ; Wiser, Susan] Landcare Res Manaaki Whenua, Lincoln 7640, New Zealand; [van den Berg, Eduardo] Univ Fed Lavras, Dept Biol, BR-37200000 Lavras, MG, Brazil; [Bispo, Polyanna da Conceicao] Univ Leicester, Ctr Landscape & Climate Res, Dept Geog, Leicester LE1 7RH, Leics, England; [Boeckx, Pascal] Univ Ghent, Fac Biosci Engn, Dept Green Chem & Technol, Isotope Biosci Lab ISOFYS, B-9000 Ghent, Belgium; [Boehning-Gaese, Katrin; Pommer, Ulf] Senckenberg Biodivers & Climate Res Ctr BiKF, D-60325 Frankfurt, Germany; [Boehning-Gaese, Katrin] Goethe Univ Frankfurt, Inst Ecol Evolut & Div, D-60439 Frankfurt, Germany; [Bongers, Frans; Jansen, Patrick A. ; Poorter, Lourens] Wageningen Univ & Res, Forest Ecol & Forest Management Grp, NL-6700 AA Wageningen, Netherlands; [Boyle, Brad] Hardner & Gullison Associates, Victoria, BC V8P 1A9, Canada; [Brambach, Fabian] Georg August Univ Gottingen, Ecol & Ecosyst Res, D-37073 Gottingen, Germany; [Brearley, Francis Q.] Manchester Metropolitan Univ, Sch Sci & Environm, Manchester M1 5GD, Lancs, England; [Brown, Sandra] Winrock Int Livestock Res & Training Ctr, Environm Grp, St Dogmaels SA43 3DT, Wales; [Chai, Shauna-Lee] InnoTech Alberta, Ecosys Management Unit, Vegreville, AB T9C 1T4, Canada; [Chazdon, Robin L.] Univ Connecticut, Dept Ecol & Evolutionary Biol, Storrs, CT 06269 USA; [Chen, Shengbin] Chengdu Univ Technol, Coll Environm & Ecol, Chengdu 610059, Sichuan, Peoples R China; [Chhang, Phourin] Forest & Wildlife Res Inst, Phnom Penh 12101, Cambodia; [Chuyong, George] Univ Buea, Dept Bot & Plant Physiol, POB 63, Buea, Cameroon; [Ewango, Corneille] Wildlife Conservat Soc Program DR Congo, Brazzaville 14537, Rep Congo; [Coronado, Indiana M.] Univ Nacl Autonoma Nicaragua, Fac Ciencias & Tecnol, Dept Biol, Herbario</p>			
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Gonmadje, Christelle; Granzow-de la Cerda, Inigo; Griffith, Daniel M. ; Grogan, James; Hakeem, Khalid Rehman; Harris, David J. ; Harrison, Rhett D. ; Hector, Andy; Hemp, Andreas; Homeier, Juergen; Hussain, M. Shah; Ibarra-Manriqu ez, Guillermo; Hanum, I. Faridah; Imai, Nobuo; Jansen, Patrick A. ; Joly, Carlos Alfredo; Joseph, Shijo; Kartawinata, Kuswata; Kearsley, Elizabeth; Kelly, Daniel L. ; Kessler, Michael; Killeen, Timothy J. ; Kooyman, Robert M. ; Laumonier, Yves; Laurance, Susan G. ; Laurance, William F. ; Lawes, Michael J. ; Letcher,			HULE, Leon 505, Nicaragua; [Cristobal-Azkarate, Jurgi] Univ Cambridge, Div Biol Anthropol, Cambridge CB2 3QG, England; [Culmsee, Heike] German Fed Fdn Environm, DBU Nat Heritage, D-49090 Osnabruck, Germany; [Damas, Kipiro] PNG Forest Res Inst, Lae 411, Morobe Province, Papua N Guinea; [Dattaraja, H. S. ; Sukumar, Raman; Suresh, H. S.] Indian Inst Sci, Ctr Ecol Sci, Bangalore 560012, Karnataka, India; [Davidar, Priya; Mohandass, D. ; Parthasarathy, N.] Pondicherry Univ, Dept Ecol & Environm Sci, Pondicherry 605014, India; [DeWalt, Saara J.] Clemson Univ, Dept Biol Sci, Clemson, SC 29634 USA; [Drake, Donald R.] Univ Hawaii, Bot Dept, Honolulu, HI 96822 USA; [Duque, Alvaro] Univ Nacl Colombia, Dept Ciencias Forestales, Medellin, Colombia; [Durigan, Giselda] Inst Florestal SP, Floresta Estadual Assis, Lab Ecol & Hidrol Florestal, BR-19802970 Assis, SP, Brazil; [Eichhorn, Karl] Eichhorn Ecol, NL-3702 BK Zeist, Netherlands; [Eler, Eduardo Schmidt; Piedade, Maria Teresa F. ; Schoengart, Jochen; Spironello, Wilson Roberto; Targhetta, Natalia] INPA, BR-69067375 Manaus, Amazonas, Brazil; [Enoki, Tsutomu] Kyushu Univ, Kasuya Res Forest, Sasaguri, Fukuoka 8112415, Japan; [Ensslin, Andreas; Fischer, Markus; Rutten, Gemma] Univ Bern, Inst Plant Sci, CH-3013 Bern, Switzerland; [Fandohan, Adande Belarmain] Univ Natl Agr, Ecole Foresterie & Ingn Bois, BP 45, Ketou, Benin; [Farwig, Nina] Philipps Univ Marburg, Fac Biol, Conservat Ecol, D-35032 Marburg, Germany; [Feeley, Kenneth J.] Univ Miami, Dept Biol, Coral Gables, FL 33146 USA; [Forshed, Ollie] WWF Sweden Varldsnaturfonden WWF, Ulriksdals Slott, S-17081 Solna, Sweden; [Garcia, Queila Souza; Metzker, Thiago; Sposito, Tereza] Univ Fed Minas Gerais, Dept Bot,			
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<p>Susan G. ; Lindsell, Jeremy; Lovett, Jon; Lozada, Jose; Lu, Xinghui; Lykke, Anne Mette; Bin Mahmud, Khairil; Mahayani, Ni Putu Diana; Mansor, Asyraf; Marshall, Andrew R. ; Martin, Emanuel H. ; Leal Matos, Darley Calderado; Meave, Jorge A. ; Melo, Felipe P. L. ; Aguirre Mendoza, Zhofre Huberto; Metali, Faizah; Medjibe, Vincent P. ; Metzger, Jean Paul; Metzker, Thiago; Mohandass, D. ; Munguia-Rosas, Miguel A. ; Munoz, Rodrigo; Nurtjahy, Eddy; de Oliveira, Eddie Lenza; Onrizal; Parolin, Pia; Parren, Marc; Parthasarathy, N. ; Paudel, Ekananda; Perez, Rolando;</p>		<p>BR-31270901 Belo Horizonte, MG, Brazil; [Garkoti, Satish Chandra] Jawaharlal Nehru Univ, Sch Environm Sci, New Delhi 110067, India; [Gillespie, ThomasW.] Univ Calif Los Angeles, Dept Geog, Los Angeles, CA 90095 USA; [Gillet, Jean-Francois] Univ Liege, TERRA Teaching & Res Ctr, Cent African Forests, Gembloux Agro Bio Tech, B-5030 Gembloux, Belgium; [Gonmadje, Christelle] Univ Yaounde I, Fac Sci, Dept Plant Biol, BP 812, Yaounde, Cameroon; [Gonmadje, Christelle] Natl Herbarium, BP 20818, Yaounde, Cameroon; [Granzow-de la Cerda, Inigo] Univ Autonoma Barcelona, CREAF, Cerdanyola Del Valles 08193, Spain; [Griffith, Daniel M.] Univ Tecn Particular Loja, Loja 1101608, Ecuador; [Grogan, James] Mt Holyoke Coll Bot Garden, S Hadley, MA 01075 USA; [Hakeem, Khalid Rehman] King Abdulaziz Univ, Dept Biol Sci, Fac Sci, Jeddah 21589, Saudi Arabia; [Harris, David J. ; Poulsen, Axel Dalberg] Royal Bot Garden Edinburgh, Edinburgh EH3 5LR, Midlothian, Scotland; [Harrison, Rhett D.] World Agroforestry Ctr, East & Southern Africa Region, Lusaka, Zambia; [Hector, Andy] Univ Oxford, Dept Plant Sci, Oxford OX1 3RB, England; [Hemp, Andreas] Univ Bayreuth, Dept Plant Systemat, D-95440 Bayreuth, Germany; [Homeier, Juergen] Georg August Univ Gottingen, Albrecht von Haller Inst Plant Sci, Plant Ecol, D-37073 Gottingen, Germany; [Hanum, I. Faridah] Univ Delhi, Ctr Environm Management Degraded Ecosyst, Biodivers Pk Programme, Delhi 110007, India; [Hanum, I. Faridah] Univ Putra Malaysia, Fac Forestry, Serdang 43400, Selangor, Malaysia; [Imai, Nobuo] Tokyo Univ Agr, Dept Forest Sci, Tokyo 1568502, Japan; [Joly, Carlos Alfredo; Vieira, Simone A.] Cidade Univ Zeferino Vaz Barao Geraldo, UNICAMP, BR-13083970 Campinas, SP, Brazil; [Joseph, Shijo] Kerala Forest Res Inst, Geog Informat Syst & Remote</p>				
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<p>Whitfeld, Timothy; Wich, Serge; Williams, John; Wiser, Susan; Wittmann, Florian; Yang, Xiaobo; Yao, C. Yves Adou; Yap, Sandra L. ; Zahawi, Rakan A. ; Zakaria, Rahmad; Zang, Runguo; Thomas, Duncan; Van Valkenburg, Johan</p>		<p>927310, Mexico; [Nurtjahy, Eddy] Univ Bangka Belitung, Dept Biol, Kampus Merawang, Kepulauan Bangka Belitung 33172, Indonesia; [de Oliveira, Eddie Lenza] Univ Estado Mato Grosso UNEMAT, Programa Pos Grad Ecol Conservacao, BR-78200000 Caceres, Mato Grosso, Brazil; [Onrizal] Univ Sumatera Utara, Fac Forestry, Medan 20155, Indonesia; [Parolin, Pia] Univ Hamburg, Bioctr Klein Flottbek, Dept Biodivers Evolut & Ecol Plants, D-22609 Hamburg, Germany; [Parolin, Pia; Qi, Lan] Inst Sophia Agrobiotech, F-06903 Sophia Antipolis, France; [Parren, Marc] World Resource Inst, Washington, DC 20002 USA; [Paudel, Ekananda] Chinese Acad Sci, Kunming Inst Bot, Ctr Mt Ecosyst Studies, Kunming 650201, Yunnan, Peoples R China; [Rodrigues Pinto, Jose Roberto] Univ Brasilia, Dept Engr Florestal, BR-70910900 Brasilia, DF, Brazil; [Poulsen, John R.] Duke Univ, Nicholas Sch Environm, Durham, NC 27708 USA; [Powers, Jennifer S.] Univ Minnesota, Coll Biol Sci, St Paul, MN 55108 USA; [Prasad, Rama Chandra] Int Inst Informat Technol, Hyderabad 500032, Telangana, India; [Puyravaud, Jean-Philippe] Sigur Nat Trust, Masinagudi PO Nilgiris, Chadapatti 643223, TN, India;; [Reitsma, Jan] Bur Waardenburg, NL-4100 AJ Culemborg, Netherlands; [Rocha, Diogo S. B.] Univ Estadual Santa Cruz, Programa Pograd Ecol Conservacao Biodiversidade, BR-45662900 Ilheus, BA, Brazil; [Rolim, Samir] Univ Fed Espirito Santo, Lab Restinga Floresta Atlantica, BR-101 Sao Mateus, Brazil; [Rovero, Francesco] MUSE Museo Sci, Trop Biodivers Sect, I-38122 Trento, Italy; [Rozak, Andes] Indonesian Inst Sci LIPI, Cibodas Bot Gardens, Cianjur 43253, West Java, Indonesia; [Ruokolainen, Kalle] Univ Turku, Dept Geog & Geol, Turku 20014, Finland; [Said, Mohd. Nizam Mohd.] Univ Kebangsaan Malaysia, Fac Sci &</p>				
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附件 2 2019 年 3 月 14 日更新数据后的 ESI 数据库中的热点论文

作者	篇名	来源	作者地址	通讯作者	被引 频次	研究领域	入藏号
Kirubasankar , Balakrishnan ; Murugadoss, Vignesh; Lin, Jing; Ding, Tao; Dong, Mengyao; Liu, Hu; Zhang, Jiaoxia; Li, Tingxi; Wang, Ning; Guo, Zhanhu; Angaiah, Subramania	In situ grown nickel selenide on graphene nanohybrid electrodes for high energy density asymmetric supercapacitors	NANOSCALE	[Kirubasankar, Balakrishnan; Murugadoss, Vignesh; Angaiah, Subramania] Pondicherry Univ, Ctr Nanosci & Technol, Electromat Res Lab, Pondicherry 605014, India; [Kirubasankar, Balakrishnan; Lin, Jing] Guangzhou Univ, Sch Chem & Chem Engn, Guangzhou 510006, Guangdong, Peoples R China; [Murugadoss, Vignesh; Ding, Tao] Henan Univ, Coll Chem & Chem Engn, Kaifeng 475004, Peoples R China; [Murugadoss, Vignesh; Dong, Mengyao; Zhang, Jiaoxia; Guo, Zhanhu] Univ Tennessee, Dept Chem & Biomol Engn, ICL, 322 Dougherty Engn Bldg, Knoxville, TN USA; [Dong, Mengyao; Liu, Hu] Zhengzhou Univ, Key Lab Mat Proc & Mold, Minist Educ, Zhengzhou 450002, Henan, Peoples R China; [Dong, Mengyao; Liu, Hu] Zhengzhou Univ, Natl Engn Res Ctr Adv Polymer Proc Technol, Zhengzhou 450002, Henan, Peoples R China; [Zhang, Jiaoxia] Jiangsu Univ Sci & Technol, Sch Mat Sci & Engn, Zhenjiang 212003, Peoples R China; [Li, Tingxi] Shandong Univ Sci & Technol, Coll Mat Sci & Engn, Qingdao 266590, Peoples R China; [Wang, Ning] Hainan Univ, State Key Lab Marine Resource Utilizat South Chin,	Angaiah, S (reprint author), Pondicherry Univ, Ctr Nanosci & Technol, Electromat Res Lab, Pondicherry 605014, India. ; Lin, J (reprint author), Guangzhou Univ, Sch Chem & Chem Engn, Guangzhou 510006, Guangdong, Peoples R China.; Ding, T (reprint author), Henan Univ, Coll Chem & Chem Engn, Kaifeng 475004, Peoples R China. ; Guo, ZH (reprint author), Univ Tennessee, Dept Chem & Biomol Engn, ICL, 322 Dougherty Engn Bldg, Knoxville, TN USA. ; Li, TX (reprint author), Shandong Univ Sci & Technol, Coll Mat Sci & Engn, Qingdao 266590, Peoples R China.	21	Chemistry, Multidisciplinary; Nanoscience & Nanotechnology; Materials Science, Multidisciplinary; Physics, Applied	WOS:00045 176280003 6

			Haikou 570228, Hainan, Peoples R China				
Li, Zhenzhen; Wang, Bo; Qin, Xiuming; Wang, Yingke; Liu, Chuntai; Shao, Qian; Wang, Ning; Zhang, Jiaoxia; Wang, Zikang; Shen, Changyu; Guo, Zhanhu	Superhydrophobic/Superoleophilic Polycarbonate/Carbon Nanotubes Porous Monolith for Selective Oil Adsorption from Water	ACS SUSTAINABLE CHEMISTRY & ENGINEERING	[Li, Zhenzhen; Wang, Bo; Qin, Xiuming; Wang, Yingke; Liu, Chuntai; Shen, Changyu] Zhengzhou Univ, Natl Engr Res Ctr Adv Polymer Proc Technol, Coll Mat Sci & Engr, Zhengzhou 450001, Henan, Peoples R China; [Zhang, Jiaoxia; Guo, Zhanhu] Univ Tennessee, Dept Chem & Biomol Engr, ICL, Knoxville, TN 37996 USA; [Shao, Qian] Shandong Univ Sci & Technol, Coll Chem & Environm Engr, Qingdao 266590, Shandong, Peoples R China; [Wang, Ning] Hainan Univ, State Key Lab Marine Resource Utilizat South Chin, Haikou 570228, Hainan, Peoples R China; [Zhang, Jiaoxia] Jiangsu Univ Sci & Technol, Sch Mat Sci & Engr, Zhenjiang 212003, Jiangsu, Peoples R China; [Wang, Zikang] Guizhou Minzu Univ, Coll Ecoenvironm Engr, Guiyang 550025, Guizhou, Peoples R China	Wang, B; Liu, CT (reprint author), Zhengzhou Univ, Natl Engr Res Ctr Adv Polymer Proc Technol, Coll Mat Sci & Engr, Zhengzhou 450001, Henan, Peoples R China.; Guo, ZH (reprint author), Univ Tennessee, Dept Chem & Biomol Engr, ICL, Knoxville, TN 37996 USA.	19	Chemistry, Multidisciplinary; Green & Sustainable Science & Technology; Engineering, Chemical	WOS:000449577200017
Wang, Zicheng; Wei, Renbo; Gu, Junwei; Liu, Hu; Liu, Chuntai; Luo, Chunjia; Kong, Jie; Shao, Qian; Wang, Ning; Guo, Zhanhu; Liu, Xiaobo	Ultralight, highly compressible and fire-retardant graphene aerogel with self-adjustable electromagnetic wave absorption	CARBON	[Wang, Zicheng; Wei, Renbo; Liu, Xiaobo] Univ Elect Sci & Technol China, Sch Mat & Energy, Res Branch Adv Funct Mat, Chengdu 611731, Sichuan, Peoples R China; [Gu, Junwei; Luo, Chunjia; Kong, Jie] Northwestern Polytech Univ, MOE Key Lab Mat Phys & Chem Extraordinary Condit, Sch Sci, Xian 710072, Shaanxi, Peoples R China; [Liu, Hu; Liu, Chuntai] Zhengzhou Univ, Natl Engr Res Ctr Adv Polymer Proc Technol, Zhengzhou 450002, Henan,	Wei, RB; Liu, XB (reprint author), Univ Elect Sci & Technol China, Sch Mat & Energy, Res Branch Adv Funct Mat, Chengdu 611731, Sichuan, Peoples R China.; Kong, J (reprint author), Northwestern Polytech Univ, MOE Key Lab Mat Phys & Chem Extraordinary	36	Chemistry, Physical; Materials Science, Multidisciplinary	WOS:000446063100127

			Peoples R China; [Shao, Qian] Shandong Univ Sci & Technol, Coll Chem & Environm Engn, Qingdao 266590, Shandong, Peoples R China; [Wang, Ning] Hainan Univ, State Key Lab Marine Resource Utilizat South Chin, Haikou 570228, Hainan, Peoples R China; [Wang, Zicheng; Liu, Hu; Guo, Zhanhu] Univ Tennessee, Dept Chem & Biomol Engn, ICL, Knoxville, TN 37996 USA	Condit, Sch Sci, Xian 710072, Shaanxi, Peoples R China.; Guo, ZH (reprint author), Univ Tennessee, Dept Chem & Biomol Engn, ICL, Knoxville, TN 37996 USA.			
Deng, Weiyuan; Kang, Tianhe; Liu, Hu; Zhang, Jiaoxia; Wang, Ning; Lu, Na; Ma, Yong; Umar, Ahmad; Guo, Zhanhu	Potassium Hydroxide Activated and Nitrogen Doped Graphene with Enhanced Supercapacitive Behavior	SCIENCE OF ADVANCED MATERIALS	[Deng, Weiyuan; Kang, Tianhe] Taiyuan Univ Technol, Inst Min Technol, Taiyuan 030024, Shanxi, Peoples R China; [Liu, Hu; Zhang, Jiaoxia; Ma, Yong; Guo, Zhanhu] Univ Tennessee, Dept Chem & Biomol Engn, ICL, Knoxville, TN 37996 USA; [Liu, Hu] Zhengzhou Univ, Natl Engr Res Ctr Adv Polymer Proc Technol, Zhengzhou 450002, Henan, Peoples R China; [Zhang, Jiaoxia] JUST, Sch Mat Sci & Engrn, Zhenjiang 212003, Jiangsu, Peoples R China; [Wang, Ning] Hainan Univ, State Key Lab Marine Resource Utilizat South Chin, Haikou 570228, Hainan, Peoples R China; [Lu, Na] Purdue Univ, Birck Nanotechnol Ctr, Lyles Sch Civil Engrn, Sch Mat Engrn, W Lafayette, IN 47906 USA; [Ma, Yong] Shandong Univ Sci & Technol, Coll Mat Sci & Engrn, Qingdao 266590, Peoples R China; [Umar, Ahmad] Najran Univ, Fac Sci & Arts, Dept Chem, Najran 11001, Saudi Arabia; [Umar, Ahmad] Najran Univ, PCSED, Najran 11001, Saudi	Kang, TH (reprint author), Taiyuan Univ Technol, Inst Min Technol, Taiyuan 030024, Shanxi, Peoples R China.; Guo, ZH (reprint author), Univ Tennessee, Dept Chem & Biomol Engrn, ICL, Knoxville, TN 37996 USA.; Umar, A (reprint author), Najran Univ, Fac Sci & Arts, Dept Chem, Najran 11001, Saudi Arabia.; Umar, A (reprint author), Najran Univ, PCSED, Najran 11001, Saudi Arabia.	34	Nanoscience & Nanotechnol ogy; Materials Science, Multidisciplinary; Physics, Applied	WOS:00043 329020000 3

			Arabia			
Gong, Kedong; Hu, Qian; Xiao, Yangyi; Cheng, Xiang; Liu, Hu; Wang, Ning; Qiu, Bin; Guo, Zhanhu	Triple layered core-shell ZVI@carbon@polyani line composite enhanced electron utilization in Cr(vi) reduction	JOURNAL OF MATERIALS CHEMISTRY A	[Gong, Kedong; Hu, Qian; Xiao, Yangyi; Cheng, Xiang; Qiu, Bin] Qiu, B (reprint author), Beijing Key Lab Source Control Technol Forestry Univ, Water Poll, Coll Environm Sci & Beijing Key Lab Engrn, 35 Qinghua East Rd, Beijing 100083, Peoples R China; [Liu, Hu] Zhengzhou Univ, Natl Engrn Res Ctr Adv Polymer Proc Technol, 100 Sci Ave, Zhengzhou 450002, Henan, Peoples R China; [Liu, Hu; Guo, Zhanhu] Univ Tennessee, Dept Chem & Biomol Engrn, 1512 Middle Dr, Knoxville, TN 37996 USA; [Wang, Ning] Hainan Univ, State Key Lab Marine Resource Utilizat South Chin, 58 Renmin Ave, Haikou 570100, Hainan, Peoples R China	43	Chemistry, Physical; Energy & Fuels; Materials Science, Multidisciplinary	WOS:00043 582900000 5
Xie, Peitao; Wang, Zhongyang; Zhang, Zidong; Fan, Runhua; Cheng, Chuanbing; Liu, Hu; Liu, Yao; Li, Tingxi; Yan, Chao; Wang, Ning; Guo, Zhanhu	Silica microsphere templated self-assembly of a three-dimensional carbon network with stable radio-frequency negative permittivity and low dielectric loss	JOURNAL OF MATERIALS CHEMISTRY C	[Xie, Peitao; Wang, Zhongyang; Zhang, Zidong; Cheng, Chuanbing; Liu, Yao] Shandong Univ, Minist Educ, Key Lab Liquid Solid Struct Evolut & Proc Mat, Jinan 250061, Shandong, Peoples R China; [Fan, Runhua] Shanghai Maritime Univ, Coll Ocean Sci & Engrn, Shanghai 201306, Peoples R China; [Cheng, Chuanbing; Guo, Zhanhu] Univ Tennessee, Dept Chem & Biomol Engrn, ICL, Knoxville, TN 37996 USA; [Liu, Hu] Zhengzhou Univ, Natl Engrn Res Ctr Adv Polymer Proc Technol, Zhengzhou 450002, Henan, Peoples R China; [Li, Tingxi] Shandong Univ Sci & Technol, Coll Mat Sci & Engrn, Qingdao 266590, Peoples R China; [Yan, Chao] JUST, Sch Mat Sci & Engrn, 2 Mengxi Rd,	43	Materials Science, Multidisciplinary; Physics, Applied	WOS:00043 259960001 8

			Zhenjiang, Jiangsu, Peoples R China; [Wang, Ning] Hainan Univ, State Key Lab Marine Resource Utilizat South Chin, Haikou 570228, Hainan, Peoples R China				
Luo, Qiang; Ma, He; Hou, Qinzhi; Li, Yingxiang; Ren, Jing; Dai, Xuezheng; Yao, Zhibo; Zhou, Yu; Xiang, Lichen; Du, Huayun; He, Hongcai; Wang, Ning; Jiang, Kaili; Lin, Hong; Zhang, Huaiwu; Guo, Zhanhu	All-Carbon-Electrode-Based Endurable Flexible Perovskite Solar Cells	ADVANCED FUNCTIONAL MATERIALS	[Luo, Qiang; Hou, Qinzhi; Li, Yingxiang; He, Hongcai; Wang, Ning; Zhang, Huaiwu] Univ Elect Sci & Technol China, State Key Lab Elect Thin Film & Integrated Device, Chengdu 610054, Sichuan, Peoples R China; [Ma, He] Beijing Univ Technol, Coll Appl Sci, Beijing 100124, Peoples R China; [Ma, He; Jiang, Kaili] Tsinghua Univ, Collaborat Innovat Ctr Quantum Matter, Dept Phys, Nanotechnol Res Ctr, State Key Lab Low Dimens Quan, Beijing 100084, Peoples R China; [Dai, Xuezheng; Yao, Zhibo; Lin, Hong] Tsinghua Univ, Sch Mat Sci & Engn, State Key Lab New Ceram & Fine Proc, Beijing 100084, Peoples R China; [Du, Huayun; Guo, Zhanhu] Univ Tennessee, Dept Chem & Biomol Engn, ICL, Knoxville, TN 37996 USA; [Xiang, Lichen] Zhengzhou Univ, Minist Educ, Key Lab Mat Proc & Mold, Zhengzhou 450001, Henan, Peoples R China; [Wang, Ning] Hainan Univ, State Key Lab Marine Resource Utilizat South Chin, Haikou 570228, Hainan, Peoples R China	Wang, N (reprint author), Univ Elect Sci & Technol China, State Key Lab Elect Thin Film & Integrated Device, Chengdu 610054, Sichuan, Peoples R China.; [Jiang, KL (reprint author), Tsinghua Univ, Collaborat Innovat Ctr Quantum Matter, Dept Phys, Nanotechnol Res Ctr, State Key Lab Low Dimens Quan, Beijing 100084, Peoples R China.; Lin, H (reprint author), Tsinghua Univ, Sch Mat Sci & Engn, State Key Lab New Ceram & Fine Proc, Beijing 100084, Peoples R China.; Guo, ZH (reprint author), Univ Tennessee, Dept Chem & Biomol Engn, ICL, Knoxville, TN 37996 USA.; Wang, N (reprint author), Hainan Univ, State Key Lab Marine Resource Utilizat	65	Chemistry, Multidisciplinary; Chemistry, Physical; Nanoscience & Nanotechnology; Materials Science, Multidisciplinary; Physics, Applied; Condensed Matter	WOS:000427110100031

				South Chin, Haikou 570228, Hainan, Peoples R China.			
Lin, Chunfu; Hu, Lei; Cheng, Chuanbing; Sun, Kai; Guo, Xingkui; Shao, Qian; Li, Jianbao; Wang, Ning; Guo, Zhanhu	Nano-TiNb207/carbo n nanotubes composite anode for enhanced lithium-ion storage	ELECTROCHIM ICA ACTA	[Lin, Chunfu; Hu, Lei; Li, Jianbao; Wang, Ning] Hainan Univ, Coll Mat & Chem Engr, State Key Lab Marine Resource Utilizat South Chin, Haikou 570228, Hainan, Peoples R China; [Cheng, Chuanbing; Sun, Kai; Guo, Zhanhu] Univ Tennessee, Dept Chem & Biomol Engr, ICL, Knoxville, TN 37996 USA; [Guo, Xingkui; Shao, Qian] Shandong Univ Sci & Technol, Coll Chem & Environm Engr, Qingdao 266590, Peoples R China	Wang, N (reprint author), Hainan Univ, Coll Mat & Chem Engr, State Key Lab Marine Resource Utilizat South Chin, Haikou 570228, Hainan, Peoples R China. ; Guo, ZH (reprint author), Univ Tennessee, Dept Chem & Biomol Engr, ICL, Knoxville, TN 37996 USA.	111	Electrochem istry	WOS:00041 983160000 8
Liu, Haitian; Wang, Shifeng; Cai, Yan; Guo, Xiaohui; Cao, Zhenjie; Zhang, Yongzheng; Liu, Shubin; Yuan, Wei; Zhu, Weiwei; Zheng, Yu; Xie, Zhenyu; Guo, Weiliang; Zhou, Yongcan	Dietary administration of Bacillus subtilis HAINUP40 enhances growth, digestive enzyme activities, innate immune responses and disease resistance of tilapia, Oreochromis niloticus	FISH & SHELLFISH IMMUNOLOGY	[Liu, Haitian; Wang, Shifeng; Cai, Yan; Guo, Xiaohui; Cao, Zhenjie; Zhang, Yongzheng; Liu, Shubin; Yuan, Wei; Zhu, Weiwei; Zheng, Yu; Xie, Zhenyu; Guo, Weiliang; Zhou, Yongcan] Hainan Univ, Coll Marine Sci, Key Lab Trop Biol Resources, Minist Educ, 58 Renmin Rd, Haikou 570228, Peoples R China	Zhou, YC (reprint author), Hainan Univ, Coll Marine Sci, Key Lab Trop Biol Resources, Minist Educ, 58 Renmin Rd, Haikou 570228, Peoples R China.	20	Fisheries; Immunology; Marine & Freshwater Biology; Veterinary Sciences	WOS:00039 277000003 7

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